Movavi Video Converter 16

Don't know where to begin?
Read the Quick start guide!

What's new:
Watch Folder
Using two-pass encoding
Taking video screenshots

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Quick Start Guide

Converting media files

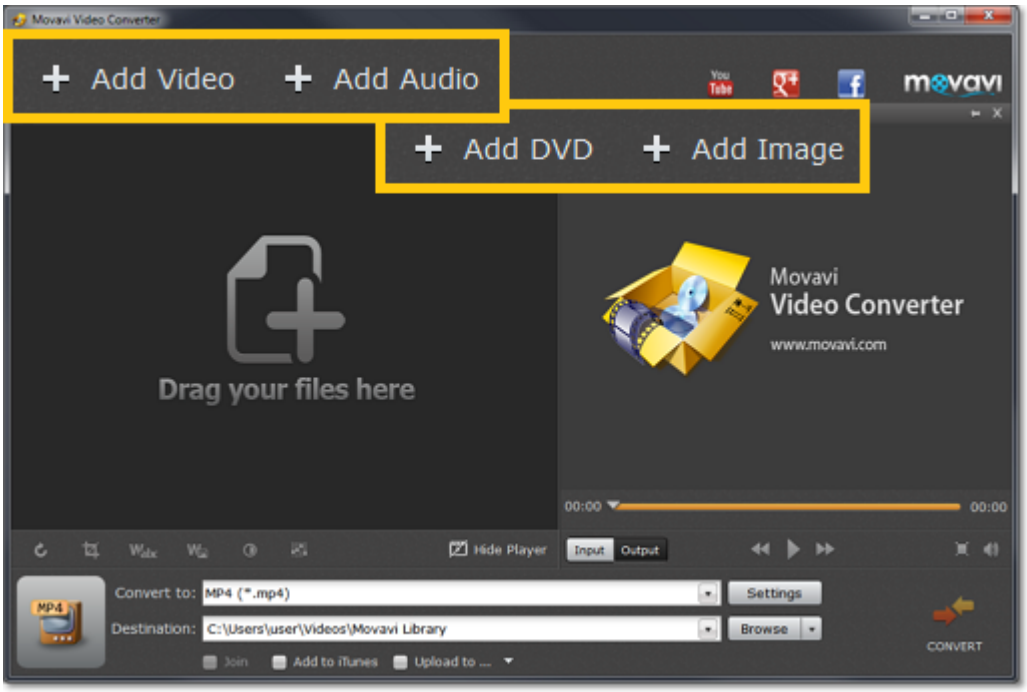
Step 1: Add media files

First, open the files you want to convert.

1. Click one of the buttons at the top to add files in that format.

2. In the Explorer dialog box, select the necessary files and click **Open**. After the files have been added, you will see them in the file list.

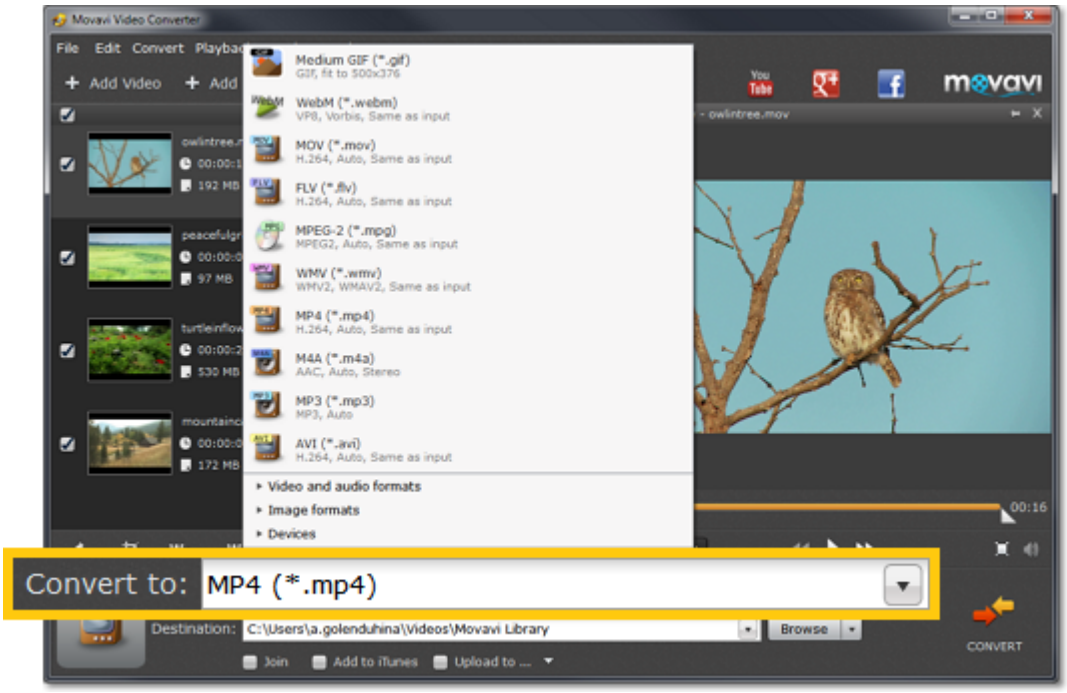
Learn more about adding media files



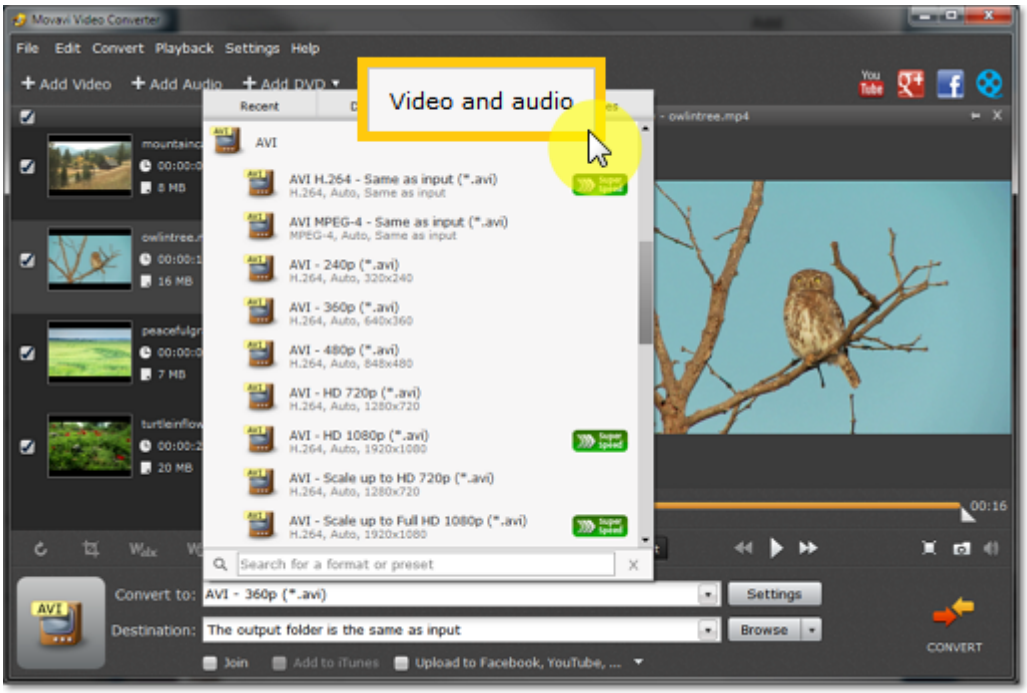
Step 2: Choose a preset

Next, choose the format you want to convert the files to. A preset is a set of media properties that we've put together for each format, that is designed to work well for most files. This way, when you select a preset, you don't have to worry about defining the bitrate and other properties, because the optimal values have already been automatically selected for you.

1. At the bottom of the window, click the **'Convert to'** field to open the list of available presets.



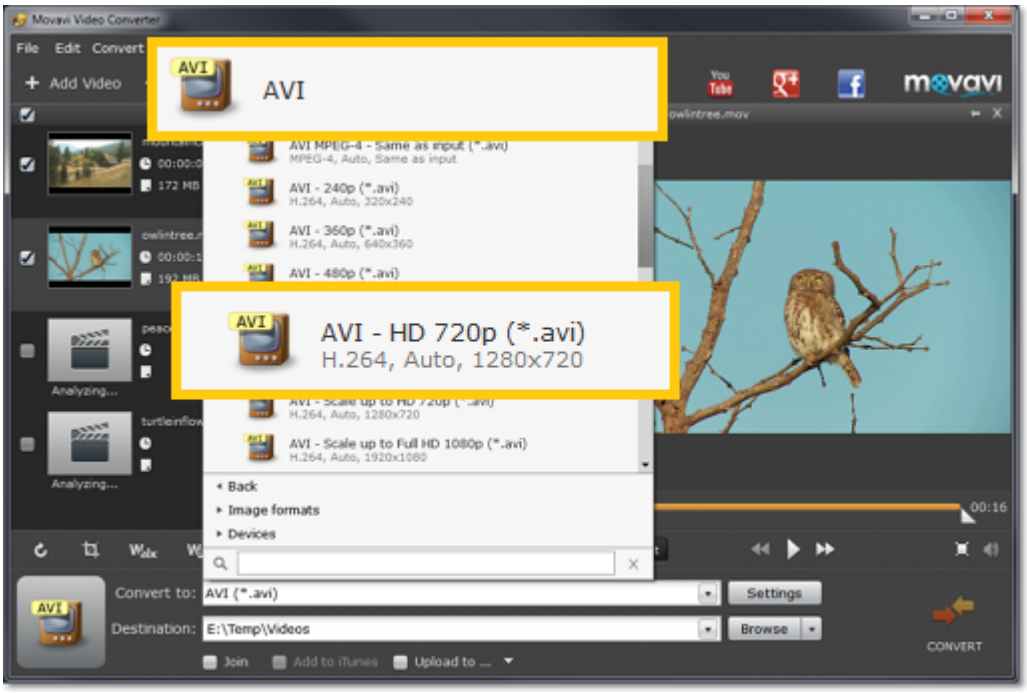
2. The presets are organized by file format. Click the category you need to open a list of the relevant formats. For example, if you want to convert videos to AVI, you'll need to click **Video and audio**.



3. Find the format you need and click on it to see the available presets. Finally, click on your choice of preset to select it. All the files in the list are now set to convert using this preset.
Learn more about choosing a preset

SuperSpeed

SuperSpeed is a quick conversion mode that lets you convert compatible formats up to 51x faster. Look for the SuperSpeed icon when you select a conversion preset for superfast conversion.
Learn more about SuperSpeed mode



Step 3: Edit files

With Movavi Video Converter, you can do some basic video editing. The editing options are located on the panel below the file list.

1. Select the file you want to edit.
2. On the editing panel, click one of the editing buttons to open related options.
3. Make the necessary changes and click Apply.

The file's thumbnail will now be marked with a star icon, showing that some changes have been made.

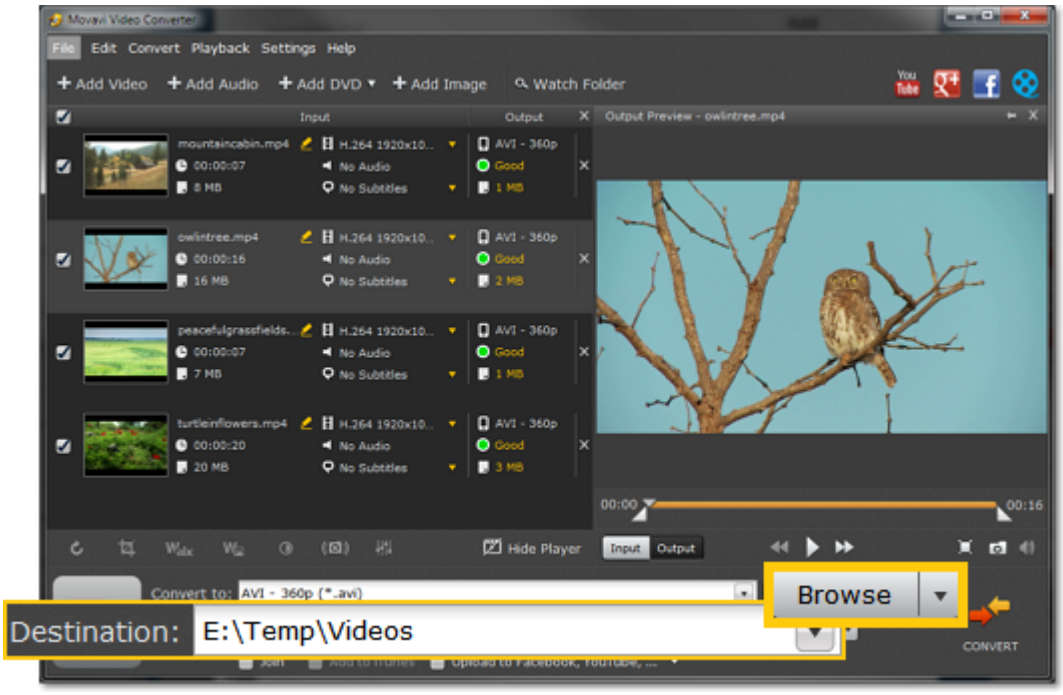
Learn more about editing:

Trim video and audio
Join files
Flip and rotate videos
Add a watermark
Adjust colors
Enhance audio

Step 4: Choose your output folder

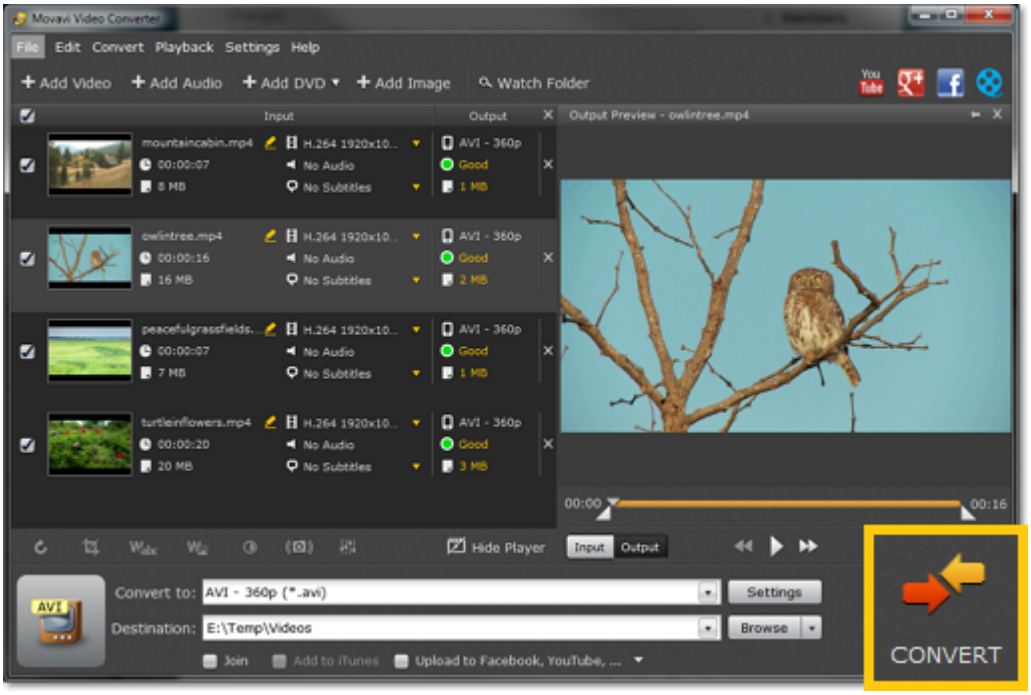
At the bottom of the window, note the **Destination** field. This shows the path to the folder where the newly converted files will be saved. To change the destination, click **Browse** and select a different folder (or create a new one).

Learn more



Step 5: Convert!

Finally, click **Convert** to start processing the files. This may take anywhere from few seconds to a few hours, depending on the size and number of files in the list.



Remove trial restrictions

When you first open your copy of Movavi Video Converter, it will be running in **LIMITED TRIAL MODE**. Trial mode allows you to try all of the features of the full version before you decide to buy it.

What's the difference between trial mode and the full version?

In trial mode, you can try all of the features of the full version, however, several restrictions apply:

TRIAL VERSION	FULL VERSION
✗ Movavi Video Converter stops working after 7 days	✓ Lifetime license
✗ A trial watermark will be applied to all converted videos	✓ No annoying watermarks
✗ Audio files are converted or exported only halfway	✓ Unlimited audio conversion
✗ SuperSpeed conversion only processes ½ length of all video files	✓ Fast SuperSpeed mode for quickly changing video format
	✓ Free updates
	✓ Discounts on other Movavi products and upgrades

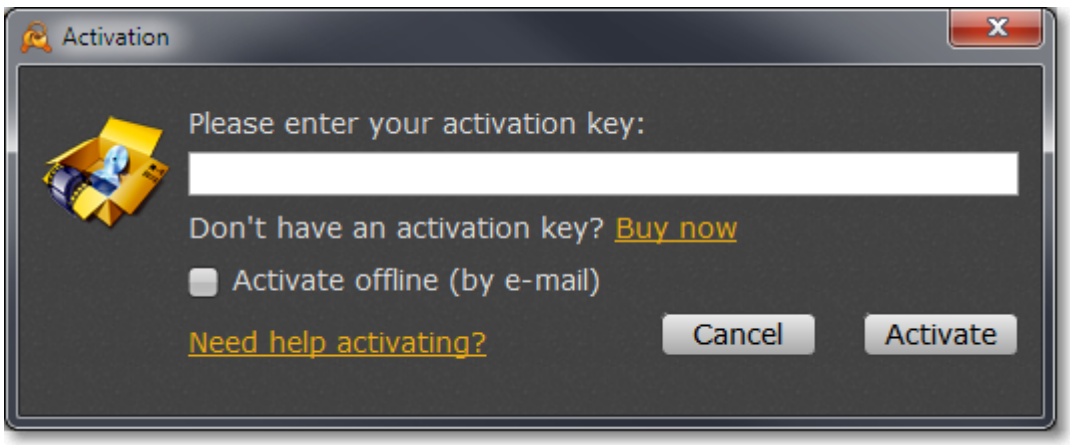
Step 1: Buy activation key

1. Click the button below to go to the purchase page and click the **Buy Now** button there.
2. You will be taken to our web store. Fill in your billing information and payment options and proceed with the purchase form. **IMPORTANT!** Be sure to enter a valid e-mail address: it will be used to deliver your activation key.
3. Once you have placed your order, you will shortly receive a confirmation for your order and an e-mail from support@movavi.com containing your activation key.

Buy Activation Key

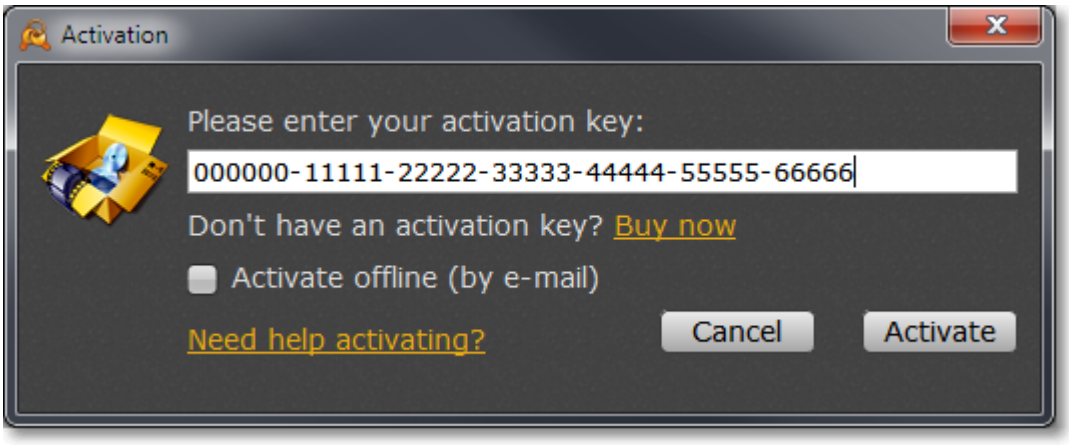
Step 2: Open the activation window

1. Launch Movavi Video Converter.
2. Open the **Help** menu and select **Activate Software**.



Step 3: Enter your activation key

1. Enter or paste your activation key into the corresponding box of the Activation window.
2. Click **Activate** to verify your activation key.



If you have entered the key correctly, you should see a message confirming successful activation. Click **OK** to complete the activation process and restart the program.

Having problems with activation?

If activation is not working as expected, try the following:

- Make sure that the activation key is entered correctly and is intended for the program you are activating.
- Try activating offline via e-mail.
- Contact us at support@movavi.com and we'll help you solve the problem!

Activating without Internet access

If the computer you have installed Movavi Video Converter on is not connected to the Internet, you can activate the program via e-mail.
See detailed instructions

If you have any other questions, or if you find that activation isn't working, feel free to contact us, and we'll help you out!
Our e-mail: support@movavi.com
Click here to chat with a support specialist

Trial restrictions

The trial version of Movavi Video Converter allows you to try out all the features, however, several restrictions apply to the trial version.

What's the difference between trial mode and the full version?

TRIAL VERSION	FULL VERSION
✗ Movavi Video Converter stops working after 7 days	✓ Lifetime license
✗ A trial watermark will be applied to all converted videos	✓ No annoying watermarks
✗ Audio files are converted or exported only halfway	✓ Unlimited audio conversion
✗ SuperSpeed conversion only processes ½ length of all video files	✓ Fast SuperSpeed mode for quickly changing video format
	✓ Free updates
	✓ Discounts on other Movavi products and upgrades

How will the trial watermark look on my videos?

Before

After

I bought Movavi Video Converter, but my videos already have a watermark

After you have activated the program, the trial restrictions will be removed and you can re-convert the videos without the trial watermark.

How to get an activation key

1. To purchase an activation key, open the **Help** menu in Movavi Video Converter and select **Buy Now** or just use the button below.

2. Choose a personal or **business** license and click the corresponding **Buy Now** button.
If you intend to use Movavi Video Converter commercially, that is, to obtain profit of any kind or in a government organization, you need to select a **business license**.

3. Fill in your billing information and enter a valid e-mail address. This e-mail will be used to deliver your activation key, so make sure you have entered it correctly and that you have access to it.

4. After you've completed your payment and your request has been processed, you will receive a confirmation e-mail with your **activation key**, which you can use to activate Movavi Video Converter.
How to use your activation key

If you haven't received your activation key:

- Check the Spam folder of your mailbox
- Contact support

Activating Video Converter

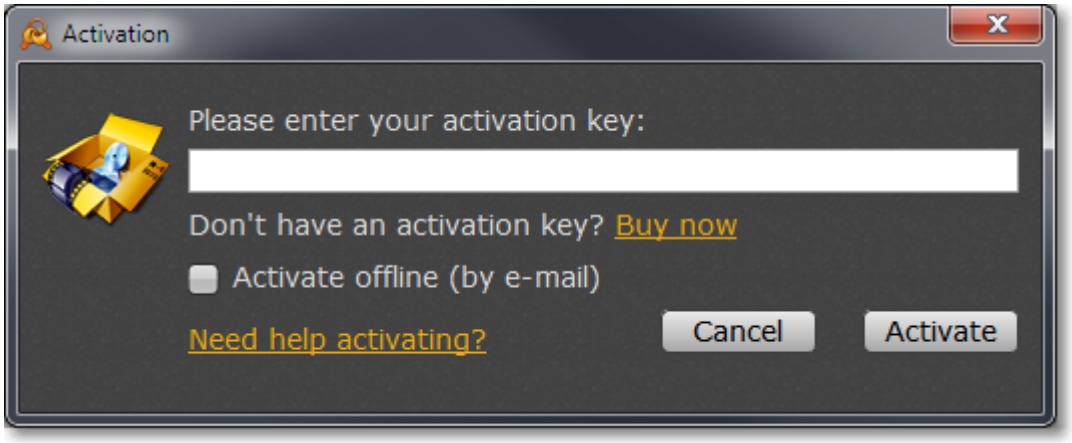
Activating Movavi Video Converter will allow you to remove all of the trial restrictions and use the program forever.

You will need:

- Movavi Video Converter activation key — You should receive your key via e-mail right after your purchase is completed. Don't have a key? Buy now
- Internet access — Don't have Internet access? See this guide on offline activation

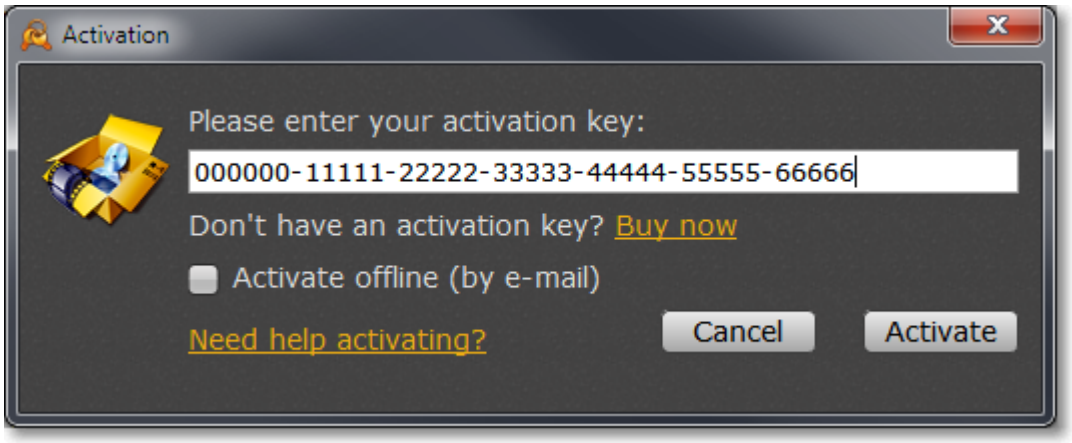
Step 1: Open the activation window

1. Launch Movavi Video Converter.
2. Open the **Help** menu and select **Activate Software**.



Step 2: Enter your activation key

1. Enter or paste your activation key into the corresponding box of the Activation window.
2. Click **Activate** to verify your activation key.



If you have entered the key correctly, you should see a message confirming successful activation. Click **OK** to complete the activation process and restart the program.

If online activation fails, try the following:

- Check that the activation key is entered correctly and is intended for the program you are activating.
- Make sure you have administrator rights on your computer.
- Try disabling your computer's firewall and antivirus software.
- Try offline activation.

If you have any questions or problems while activating your Movavi software, feel free to contact us and we'll help you out!
Our e-mail: support@movavi.com
Click here to open live chat

Activating without Internet access

Activating Movavi Video Converter will allow you to remove all of the trial restrictions and use the program forever.

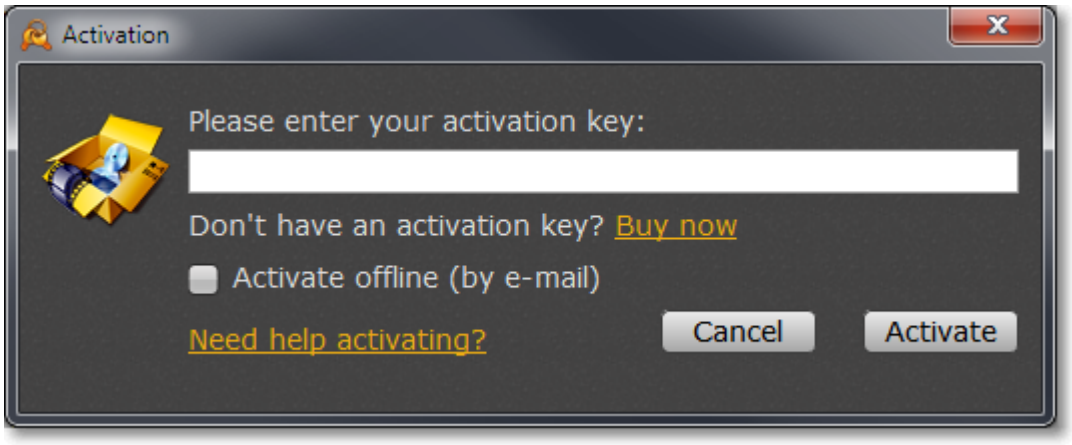
You will need:

Movavi Video Converter activation key — You should receive your key via e-mail right after your purchase is completed. Don't have a key? Buy now

- A device or another computer that can be used to send and receive e-mail

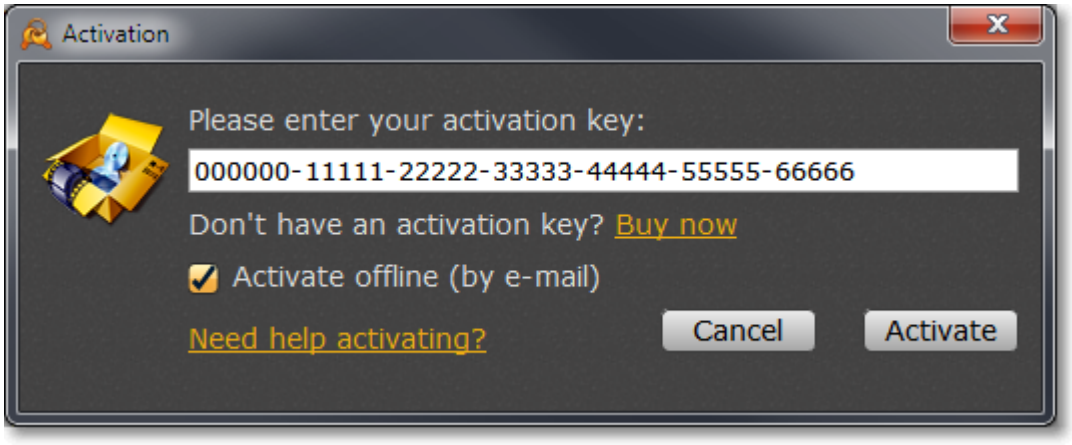
Step 1: Open the activation window

1. Launch Movavi Video Converter.
2. Open the **Help** menu and select **Activate Software**.



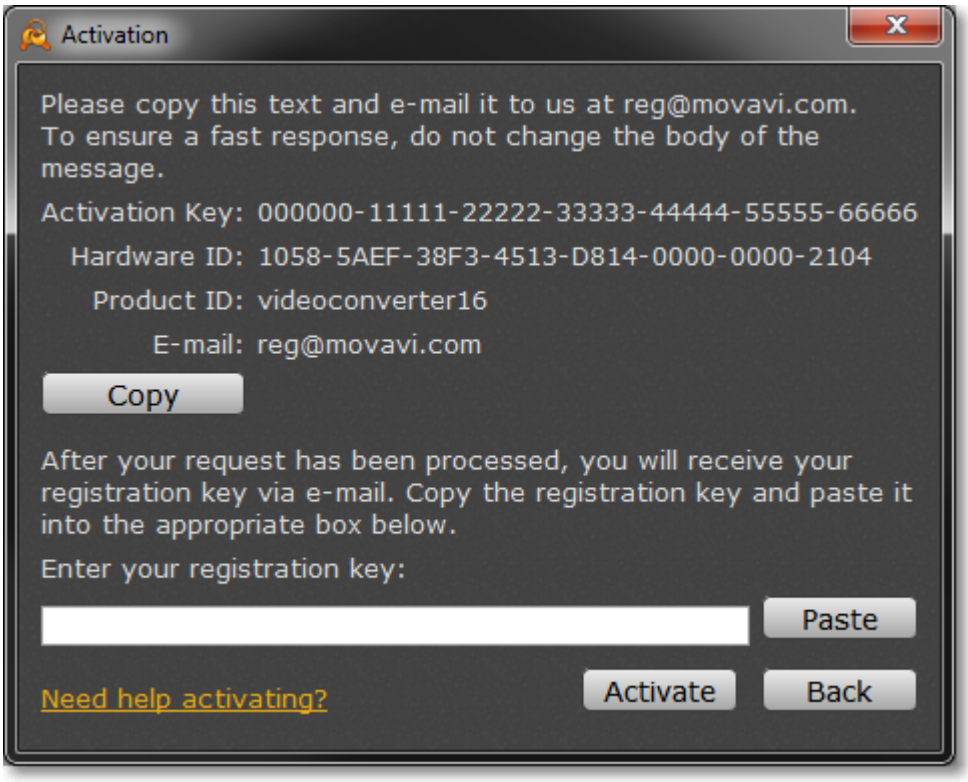
Step 2: Enter Your Activation Key

1. Enter or paste your activation key into the corresponding field.
2. Select the **Activate offline** option.
3. Click **Activate** to proceed to the next step.

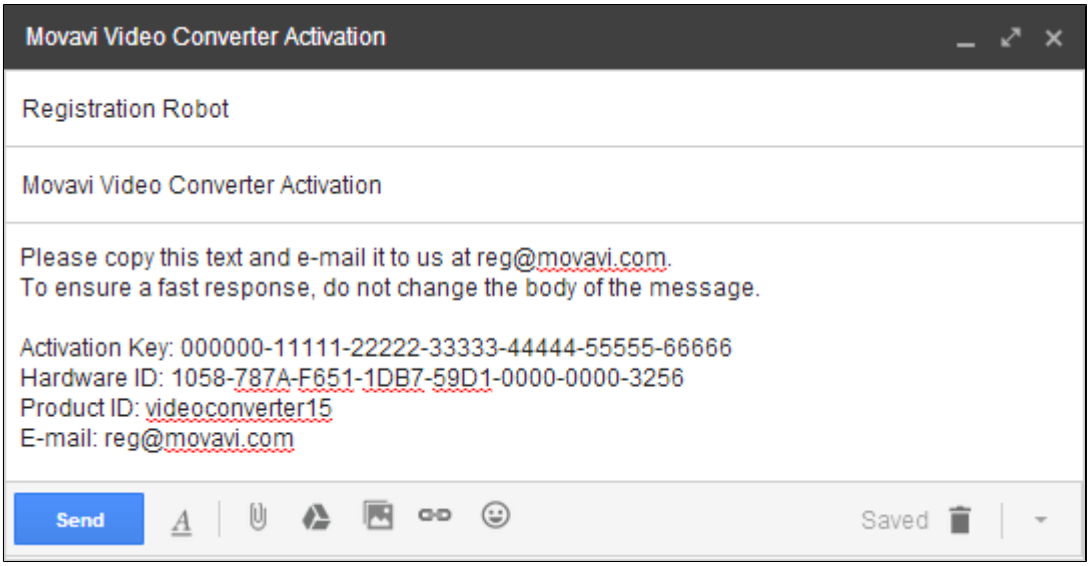


Step 3: Send an e-mail with the provided information

The next window contains important activation information that you will need to send us via e-mail in order to activate your program.



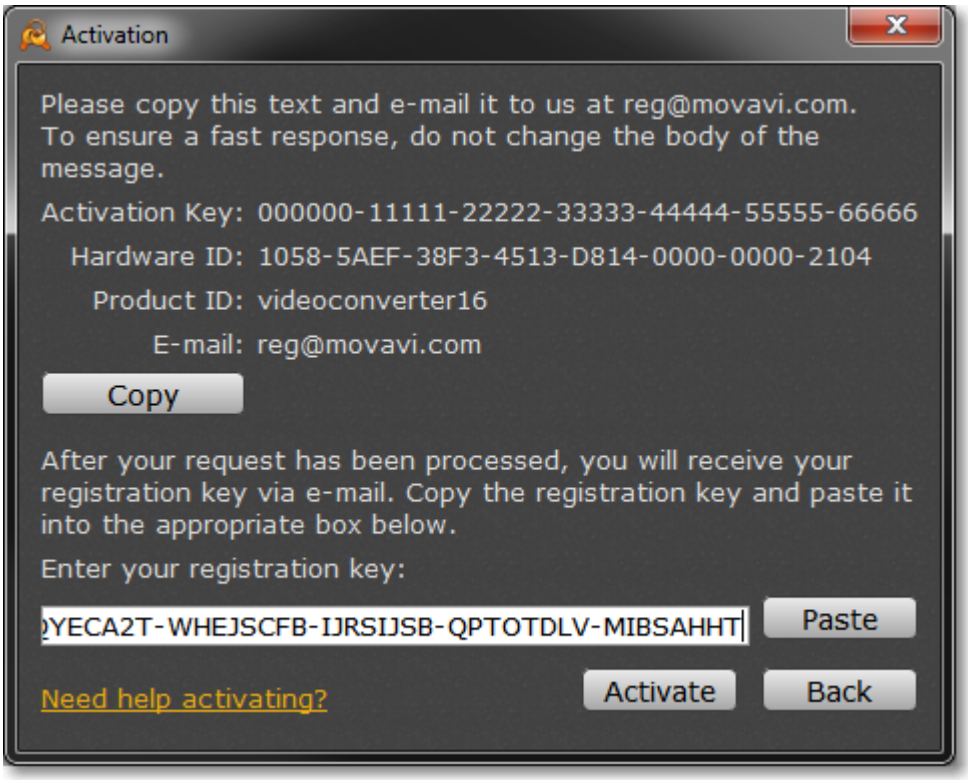
1. Click the **Copy** button to copy the information in the window. If necessary, save or transfer this information to the computer or device that you will be sending the e-mail from.
2. On the computer with an Internet connection, open your mail client and compose a new e-mail. Paste the information you've copied earlier into the message body and send this e-mail to reg@movavi.com. The activation server will then verify your activation key and send you an automatic response containing a **registration key**, which you will need to enter into the **Activation** window. You should receive the server's reply within an hour.



To ensure a quick reply from our activation server, please do not alter the message subject or body

Step 4: Enter Your Registration Key

1. When you have received your registration key, save it and go back to the Activation window.
2. Enter the registration key into the corresponding box.
3. Click **Activate** to submit the information.



The wizard will then inform you of successful activation. Click **Finish** to complete the activation and close the activation wizard.

Once activation is complete, you may be asked to restart the application. If you have entered the key correctly, you should see a message confirming successful activation. Click **OK** to complete the activation process and restart the program.

If offline activation doesn't work:

- Make sure you have entered the activation key and the registration key correctly and try again
- Check that you are activating the right application.
- Make sure you have administrator rights on your computer

If you have any questions or problems while activating your Movavi software, feel free to contact us and we'll help you out!
Our e-mail: support@movavi.com
Click here to open live chat

Convert video files

Step 1: Open the videos

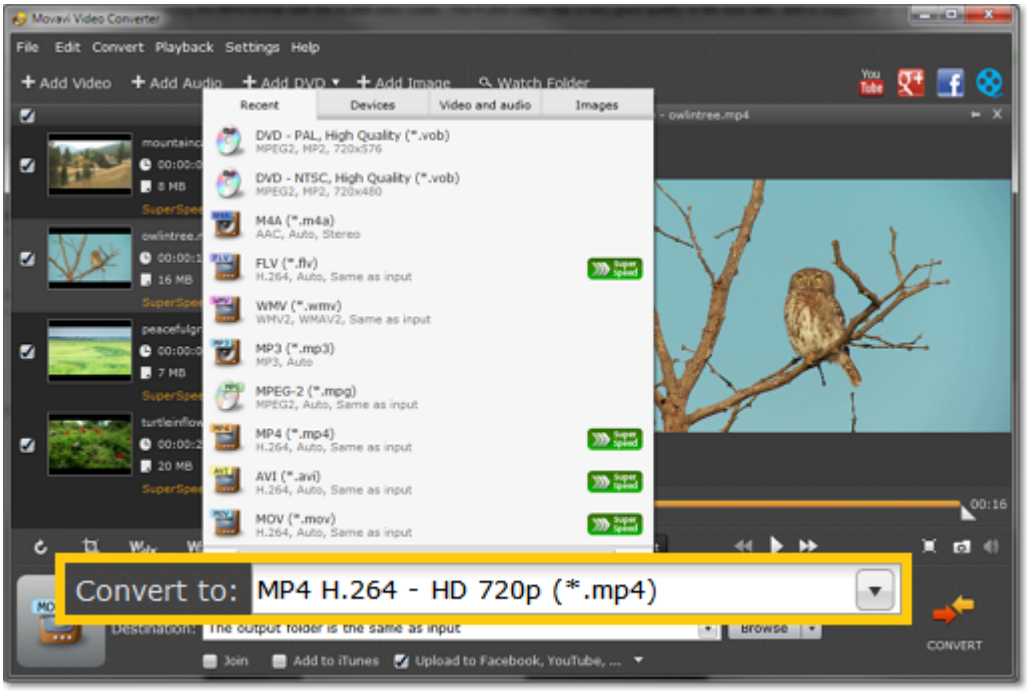
Before you start, you will need to open the videos in Movavi Video Converter.

1. Click the **Add Video** button at the top.
2. A Explorer dialog box will open. Select the files you want to convert.
3. Click **Open**. The files will now be added to the file list.

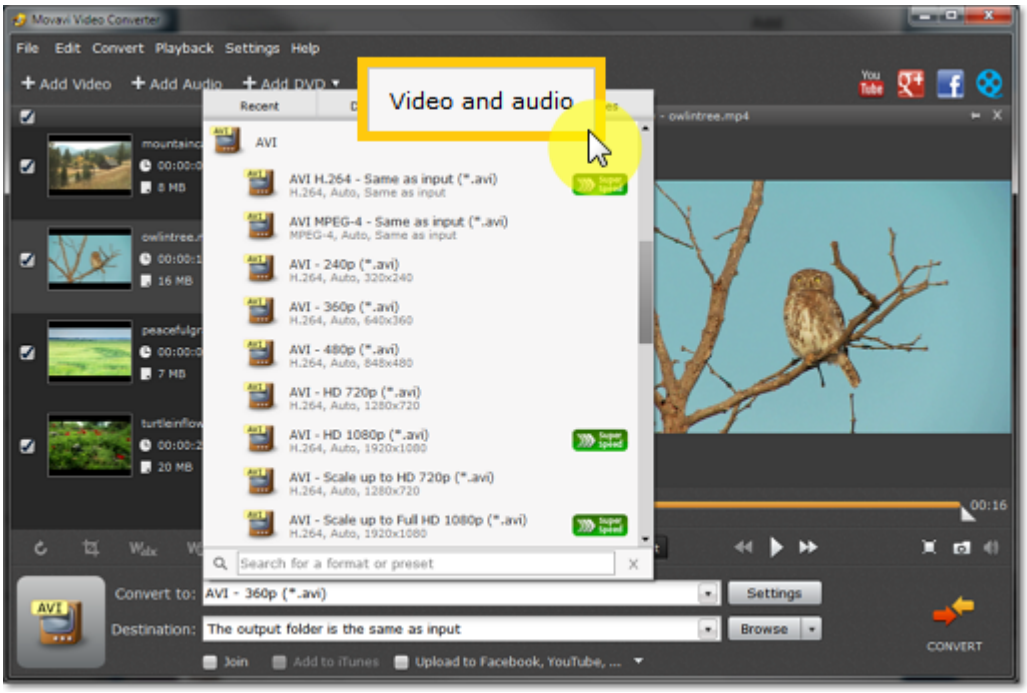
Step 2: Choose an output preset

A preset is a set of pre-defined media properties that are designed to work well with each other. Whenever you convert a video, you won't need to manually set up the video codec, bitrate, and other parameters, and just select a preset that suits your needs.

1. At the bottom of the window, click the '**Convert to**' field to open the list of conversion presets. The most recently used formats will be displayed right away.



2. To select a different format, click the **Video and audio formats** category.



Inside, you will find several preset groups for specific purposes, then video format groups and audio format groups at the bottom of the list.

Video format groups:

General Video – these presets will change nothing but the format, maintaining the same resolution and video quality.

DVD-Compatible Video – use one of these presets if you intend to burn the converted videos to DVD.

4K Ultra HD Video – if you have ultra high-quality videos with the resolution 3840x2160 pixels and above, use one of these presets to avoid losing quality. However, if your videos have a smaller resolution, turning them to a larger size will not improve their quality, but only take up far more disk space.

Upscale SD, DVD to HD – normally, upscaling videos, or enlarging their resolution, does not improve the video's quality, but only increases the file size. However, if you need to upscale a file's resolution, these presets allow you to slightly improve the enlarged video.

HTML5 Video – use one of these presets if you want to embed your video into your website or blog. HTML5 videos do not require a plug-in (like Adobe® Flash) to play, and are supported by most modern browsers.

Online Video – use one of these presets if you want to upload the video to a social network or video hosting website like YouTube or Facebook.

Web-Compatible Video – use one of these presets if you want to embed your video into your website or blog. However, note that SWF and FLV videos require the viewers to have the Adobe Flash Player installed.

SuperSpeed:

Presets that are marked with a green SuperSpeed icon Super Speed allow you to convert videos much faster than with regular conversion.
Learn more

Resolution:

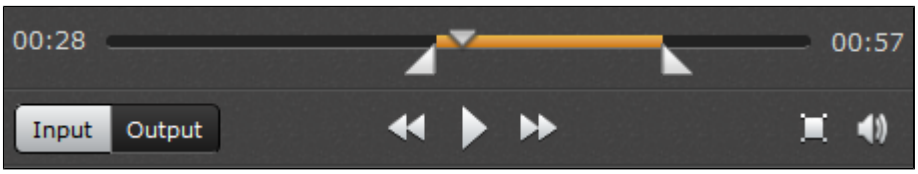
Inside a format group, you can find several presets which are the same, except for the resolution. For example, *720p* and *1080p*. Larger resolution allows you to preserve higher quality of the video, however, if your video is already of a lower resolution, converting it to a higher resolution will not add quality, but only take up more disk space.

Advanced settings:

If you need to convert the videos with specific properties, such as an unusual resolution or bitrate, click the Settings button next to the preset selection field and set up the currently selected preset to suit your needs. After that, you can save these settings for later use.

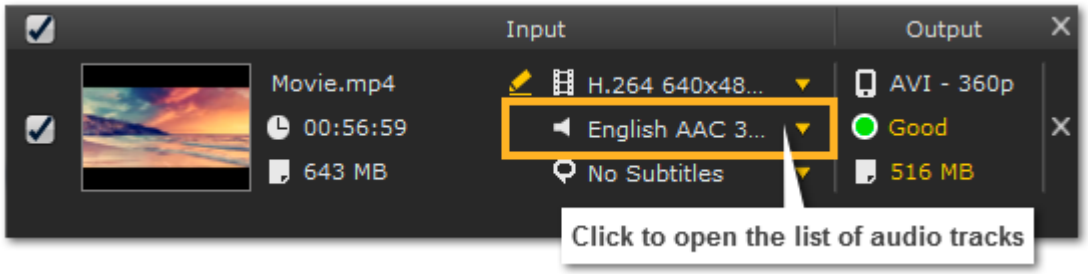
Step 3: Trim video

If you only need a part of a video file, use the triangle markers at the beginning and the end of the player's progress bar. Move the left marker to the point on the progress bar where you want the video to begin, and do the same for the end with the right-hand marker. That way, you will only convert the parts you've selected.
Learn more about trimming files



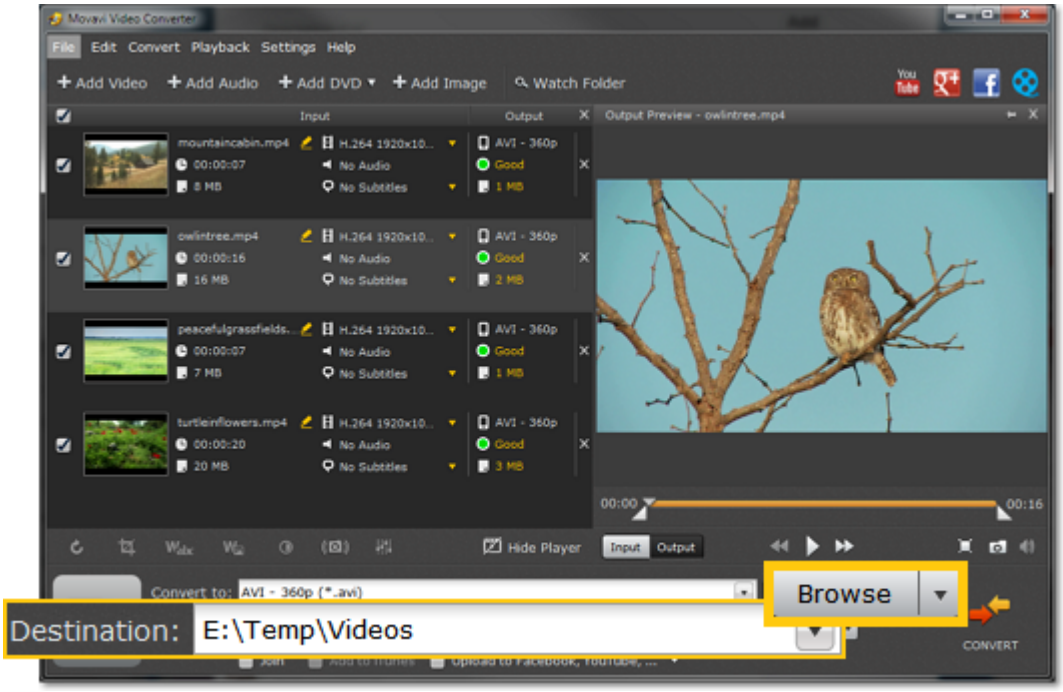
Step 4: Choose tracks

If the video files come with multiple audio and subtitle tracks, you can select the ones you need and save some disk space by leaving out the others. In the central column of the file list, click the audio or subtitle information to select the audio or text tracks that you want to see in the output file.
Learn more about audio tracks
Learn more about subtitle tracks

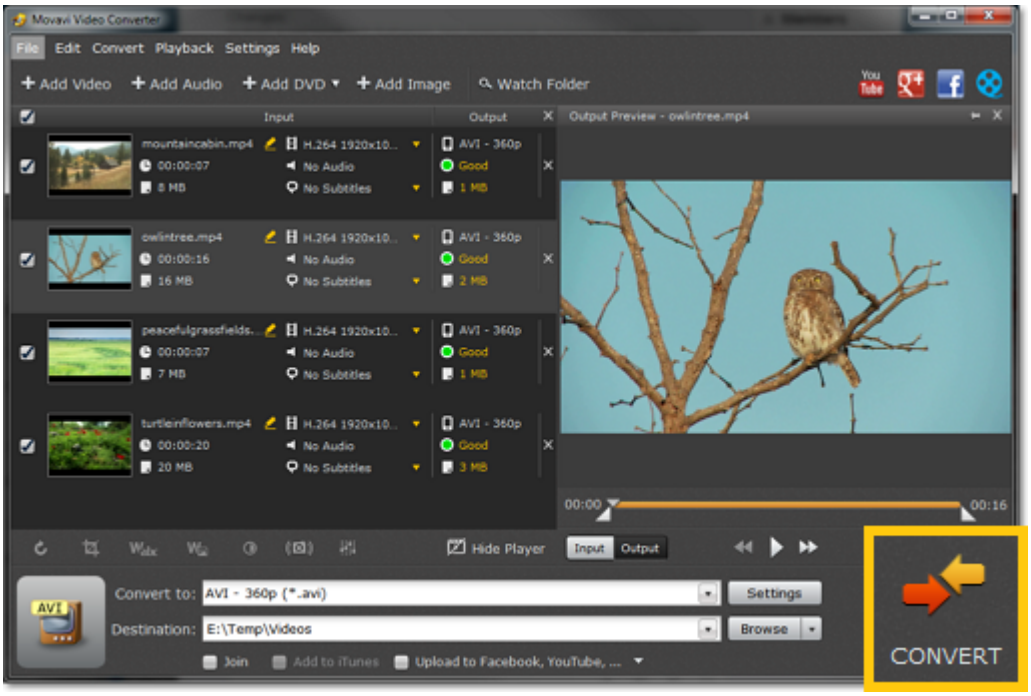


Step 5: Convert and share

You're almost done! Take a look at the **Destination** field. It shows where the converted files will be saved to. To change their location, click Browse and select a new folder.



Finally, click the **Convert** button to start processing the videos. This may take anywhere from a few seconds to several hours, depending on the size and number of video files.


Movavi Video Converter
File Edit Convert Playback Settings Help
+ Add Video + Add Audio + Add DVD + Add Image Watch Folder
Input Output
mountaincabin.mp4 00:00:07 8 MB H.264 1920x10... No Audio No Subtitles AVI - 360p Good 1 MB
owlintree.mp4 00:00:16 16 MB H.264 1920x10... No Audio No Subtitles AVI - 360p Good 2 MB
peacefulgrassfields... 00:00:07 7 MB H.264 1920x10... No Audio No Subtitles AVI - 360p Good 1 MB
turtleinflowers.mp4 00:00:20 20 MB H.264 1920x10... No Audio No Subtitles AVI - 360p Good 3 MB
Output Preview - owlintree.mp4
00:00
00:16
Hide Player
Input Output
Convert to: AVI - 360p (*.avi)
Settings
Destination: E:\Temp\Videos
Browse
Join
Add to iTunes
Upload to Facebook, YouTube, ...
CONVERT

Choose the output format

How do you choose a format for your videos? This will depend on several things, including what you want to convert the video for, and where you're planning to watch it.

General purpose video

If you need an all-round video format that will likely play anywhere, we recommend the MP4 format with the **H.264** video codec. The H.264 codec has a very good quality-to-file-size ratio, and is supported on most platforms and newer mobile devices.

Watching on a mobile device

If you want to watch the video on a mobile phone, tablet, or other portable device, it is important that the format of the video is supported by your device, and the file size is small enough to fit in your device's storage. With Movavi Video Converter, all you need to do is find your device in the **Devices** category; and all the required settings will be selected automatically.
Learn how to convert for mobile devices

For uploading to the web

Video hosting sites often have specific requirements for the format and resolution of uploaded videos. To convert for a specific social network or website, all you need to do is choose the preset for the selected website in the **Online Video** group.
Learn about converting videos for the web

Faster conversion

If you want the video to convert as quickly as possible, select one of the presets marked with the green SuperSpeed icon:

. These videos will convert up to 51 times faster, and you will not lose *any* quality in the process.
SuperSpeed conversion only works with compatible presets and will not affect output file size.
Learn how you can convert files faster

Reduce file size

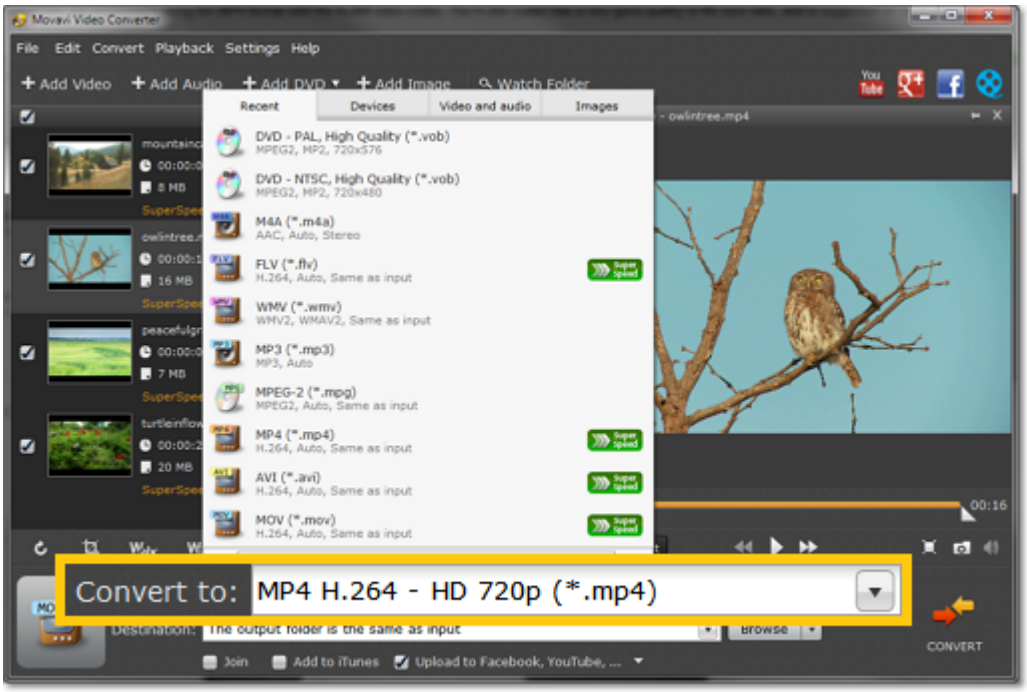
If you need to reduce the size of the output file and don't mind sacrificing a little quality, you have two options:

- Select a preset with a lower resolution than that of the original.
- Reduce the bitrate of the video.

Learn more about reducing file size

Selecting the format

When you've decided which format you want to use, click the 'Convert to' box at the bottom and select the desired format from the list of formats and presets.
How to change output file format


Movavi Video Converter
File Edit Convert Playback Settings Help
+ Add Video + Add Audio + Add DVD + Add Image Watch Folder
Recent Devices Video and audio Images
DVD - PAL, High Quality (*.vob)
MPEG2, MP2, 720x576
DVD - NTSC, High Quality (*.vob)
MPEG2, MP2, 720x480
M4A (*.m4a)
AAC, Auto, Stereo
FLV (*.flv)
H.264, Auto, Same as input
WMV (*.wmv)
WMV2, WMAV2, Same as input
MP3 (*.mp3)
MP3, Auto
MPEG-2 (*.mpg)
MPEG2, Auto, Same as input
MP4 (*.mp4)
H.264, Auto, Same as input
AVI (*.avi)
H.264, Auto, Same as input
MOV (*.mov)
H.264, Auto, Same as input
00:16
Convert to: MP4 H.264 - HD 720p (*.mp4)
Destination: The output folder is the same as input
Browse
Join
Add to iTunes
Upload to Facebook, YouTube, ...
CONVERT

Convert for devices

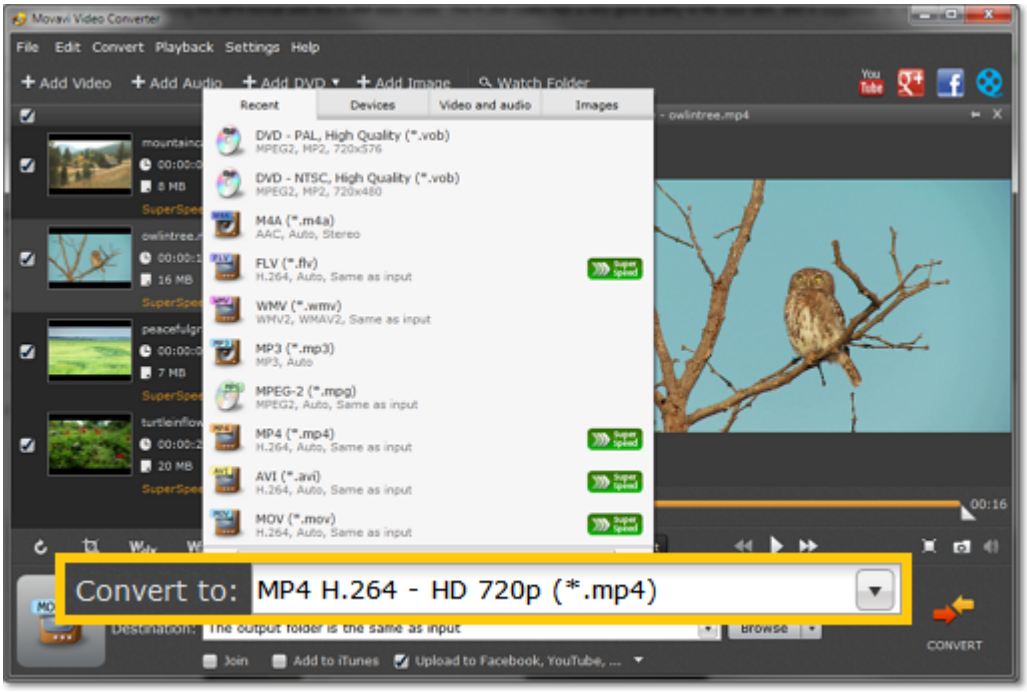
Each device has specific requirements to the type of video it can play, with some older devices supporting only a handful of video formats. To make sure you'll be able to watch the videos on your device, convert them using the output preset* created specifically for your device, and all the necessary output settings will be selected automatically. This way, you don't have to look for what formats your phone supports, as it's all selected for you.

Step 1: Add files

Open the files you want to convert.

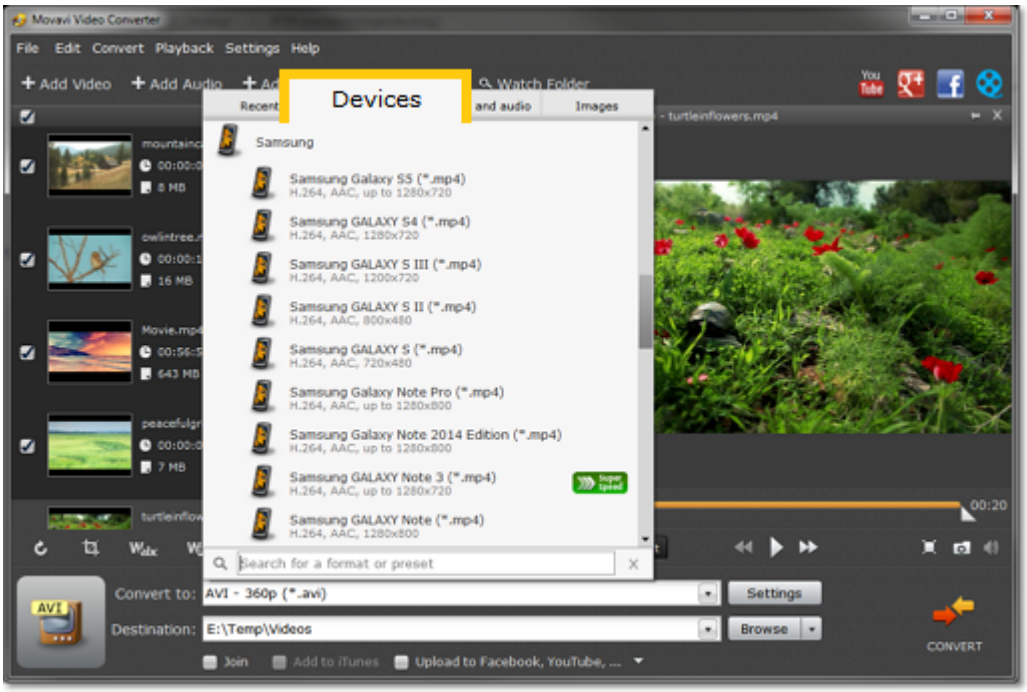
Step 2: Open the preset list

Click the **'Convert to'** box at the bottom of the window to open the list of presets.



Step 3: Go to device presets

At the top of the preset list, click **Devices**.

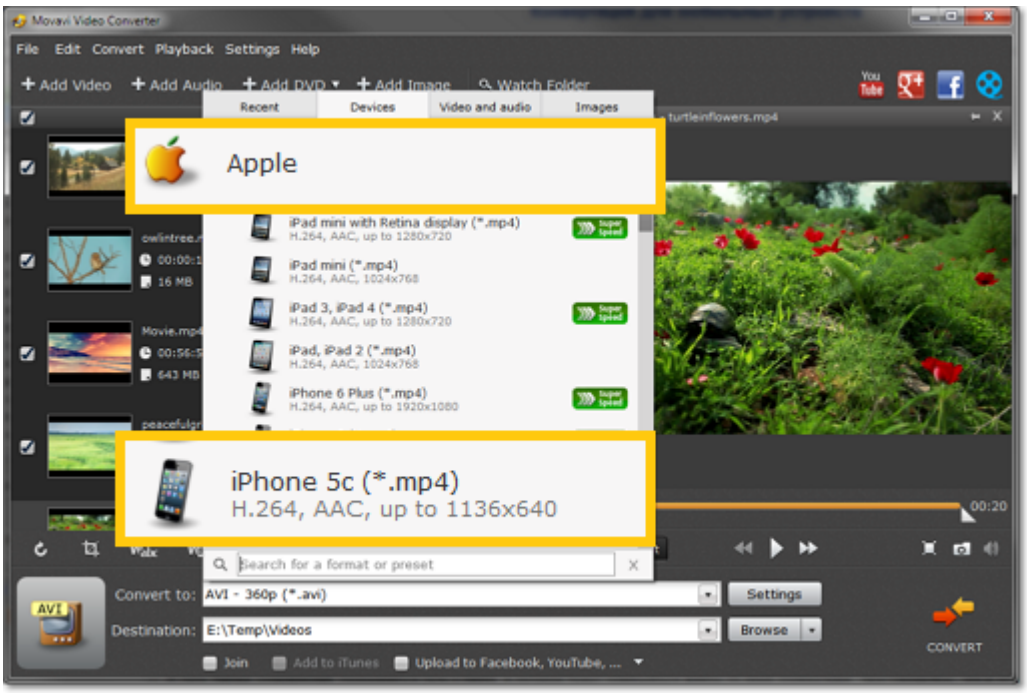


Step 4: Find your brand

In the **Devices** list, find the device's manufacturer and click on it.
*If you don't see the device's brand in the list, try the search bar, or use a general category, such as **Android** or **TVs**.*

Step 5: Find your device

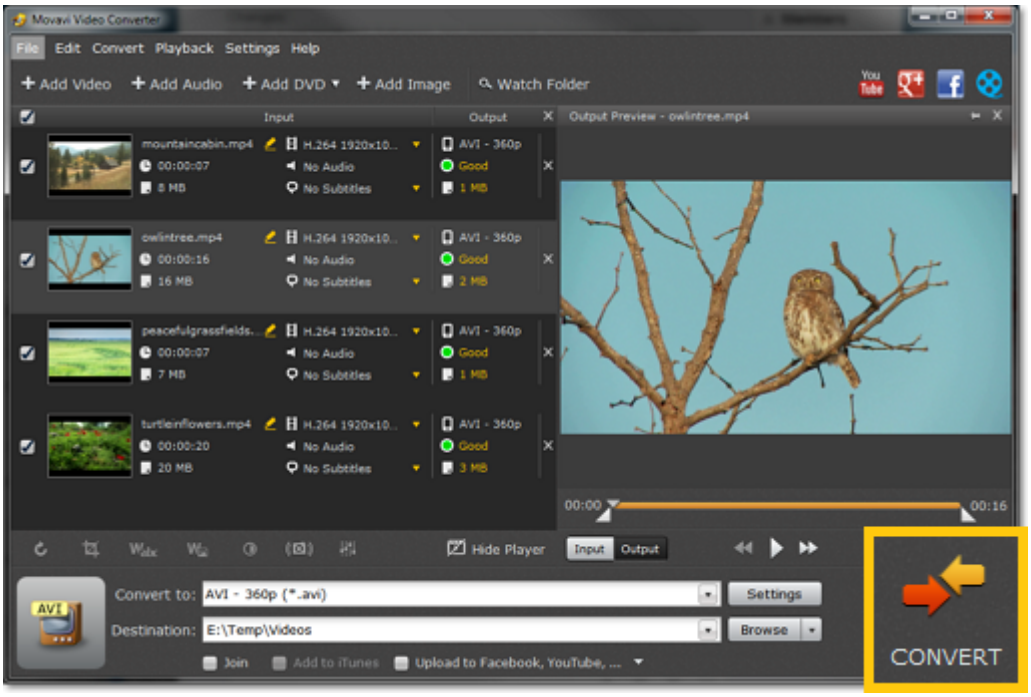
Choose your device from the selected brand's list and click on it to select it as the output format. Now, the format, codec, and resolution is automatically selected to match that of your device.



For example, to convert videos for the iPhone 5c, find Apple in the list, and then choose the iPhone 5c preset.

Step 6: Convert

Click **Browse** to select where you want to save the videos, and then click **Convert** to start processing the files.



After the videos are ready, all you need is to upload them to the device.

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* A *preset* is a pre-made configuration for a specific device that contains all necessary media properties required by this device.

Convert videos for the Internet

To upload a video online, whether to a personal website or to a video hosting service, you will need to do two things: convert it into a suitable format and upload it onto the web.

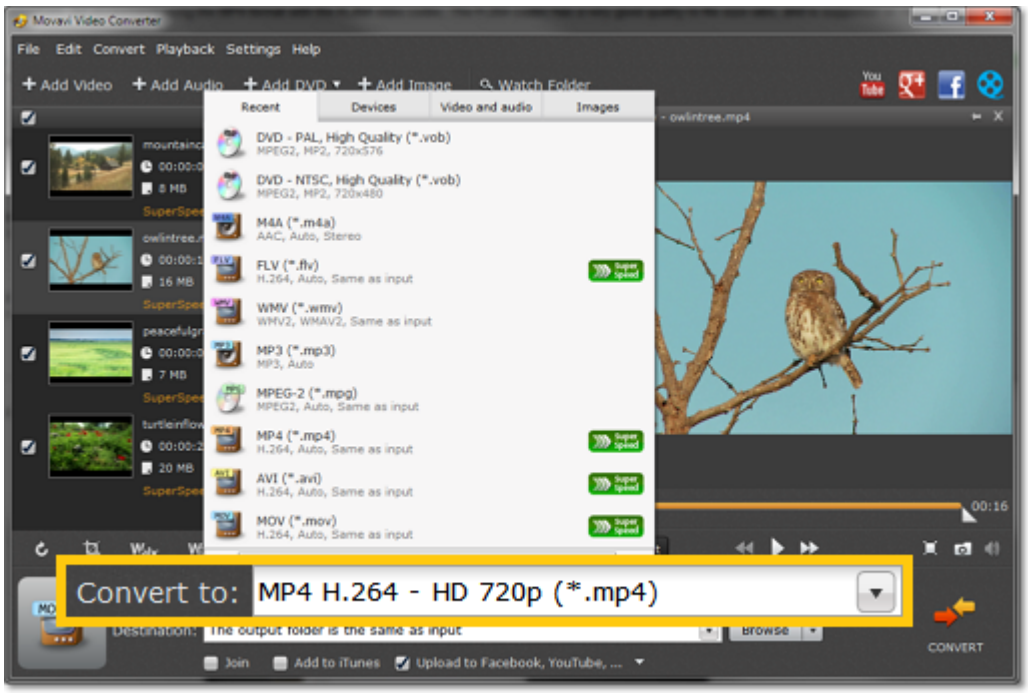
Step 1: Open videos

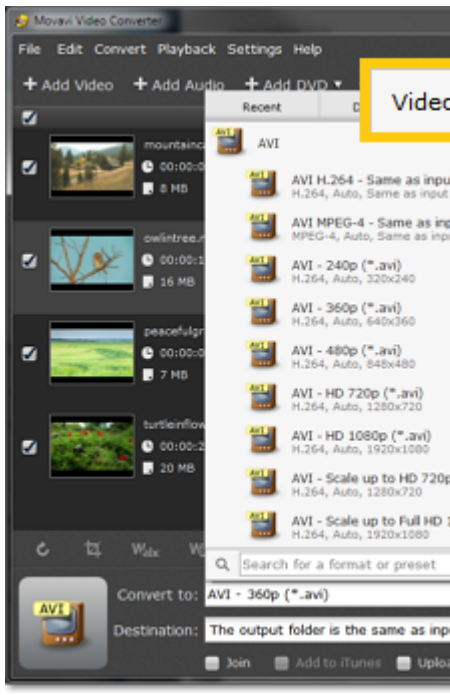
Click **Add Video** or **Add DVD** to add videos to the file list.

Learn more

Step 2: Choose a web preset

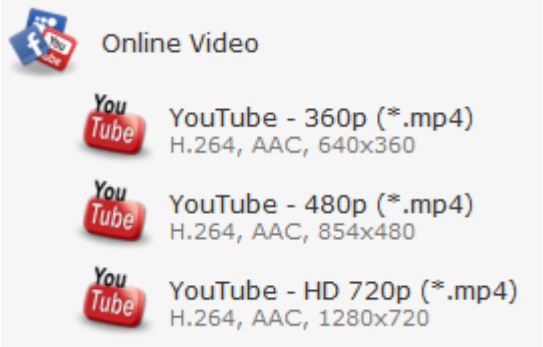
Click the '**Convert to'** box to open the list of presets, and then click **Video and audio** at the top of the list. You will see a list of preset groups. Click on a group to see the related presets, and click on a preset to select it for the output files.





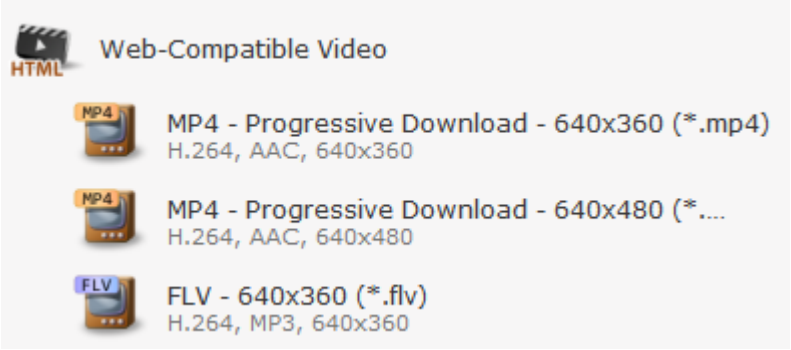
For social networks

To convert videos for a social network or video hosting site, select a preset from the **Online Video** group. If you're not sure which website is best for uploading videos, you can consult our comparison page.



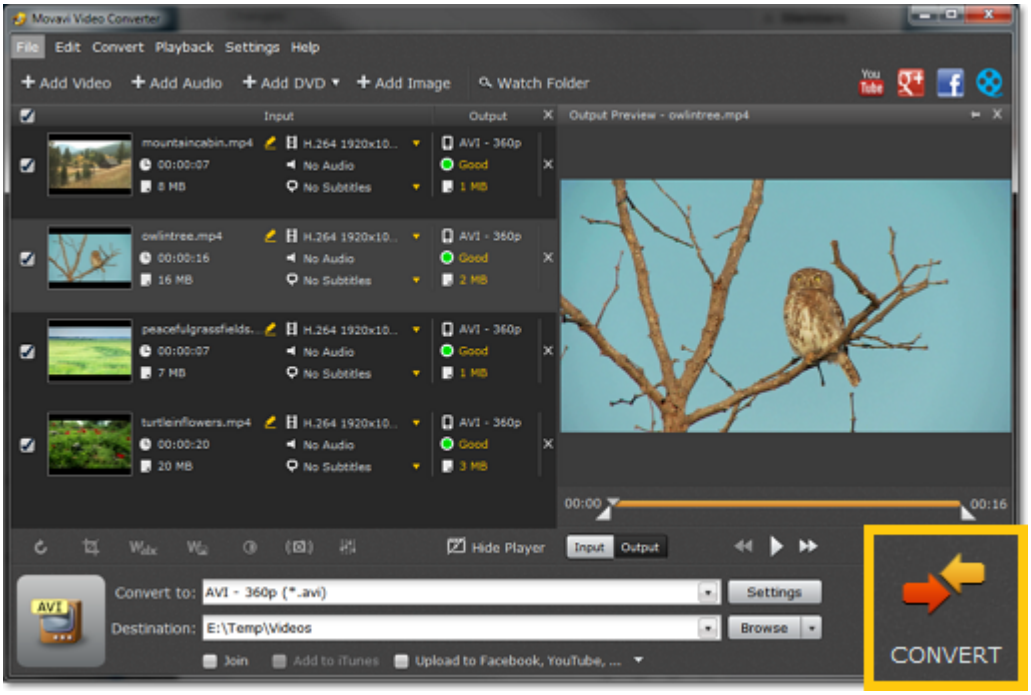
For blogs and websites

If you want to embed the video into your own website or blog, select one of the presets from the **Web-Compatible Video** group. These formats are optimized for streaming video and are supported by most web browsers.



Step 3: Choose a Destination Folder and Convert

Make sure that the **Destination** line shows the correct folder. If not, click **Browse** and specify the folder to store your videos in. Once you're ready, click **Convert** to start the video processing. When your videos are ready, all that's left is to either upload them to the video hosting service you prefer, or upload them to your website's server and create a link to your video.



Change the aspect ratio

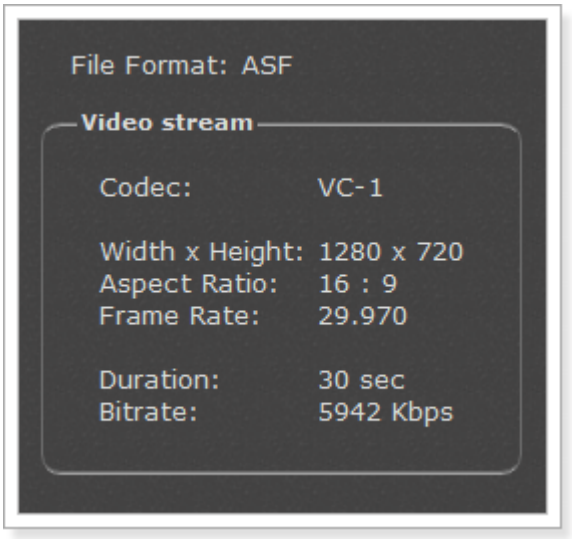
What is aspect ratio?

A video's aspect ratio is the ratio between its width and height. The two most commonly used aspect ratios are 4:3 and 16:9, the former used by most analog television broadcasts, while the latter, also referred to as widescreen – in films, DVDs, and modern HD video.

A visual comparison of two popular aspect ratios.

To find out a video's aspect ratio:

1. Add the video to Movavi Video Converter. Select it in the file list.
2. Open the **File** menu and select **File Information**. A dialog box will open containing all the information about the selected file. You will find **Aspect Ratio** under **Video stream**.



In this example, we have a 16:9 video.

How to change a video's aspect ratio?

I. Using the Crop effect.

(for any aspect ratios)
1. In the file list, select the videos that you want to crop. You can select more than one video to crop them to the same format.

2. In the effects panel, click the **Crop** button . The **Crop** panel will open, and a frame will appear over the player in **Input** mode.

3. Find the **Maintain aspect ratio** option. With this option enabled, the crop frame will be constrained to the proportions of the original or of the aspect ratio selected from the list beneath the checkbox.

If you need to convert the video to **16:9**, **4:3** or **3:2** aspect ratio, select the necessary aspect ratio from the list under **Maintain aspect ratio**.
If you need a different resolution, you can specify it manually. To do that, deselect the Maintain aspect ratio option and enter a new frame size

II. By converting to a different resolution.

(for changing 4:3 to 16:9 aspect ratio)

1. Open the list of presets, click **Video and audio formats**, and pick a video format. If you don't need to convert the video, select the format that matches the video's file extension.

2. Choose a resolution closest to the original. You will now see black 'pillars' on either side of the video. To remove the pillars, you can select a different resize method:

2.1 Click **Settings**. The Settings window will open.
2.2 Under **Resize method**, select **Crop**, **Stretch**, or **Auto**. You can use the sample picture in the Settings or the player's **Output** mode to preview the method that looks best with your video.
2.3 Click **OK** to accept the changes.

When you have applied the necessary aspect ratio adjustments, click **Convert to** begin changing the files' aspect ratio.

Aspect ratios and common resolutions

The following table contains a list of common resolutions along with their aspect ratios.

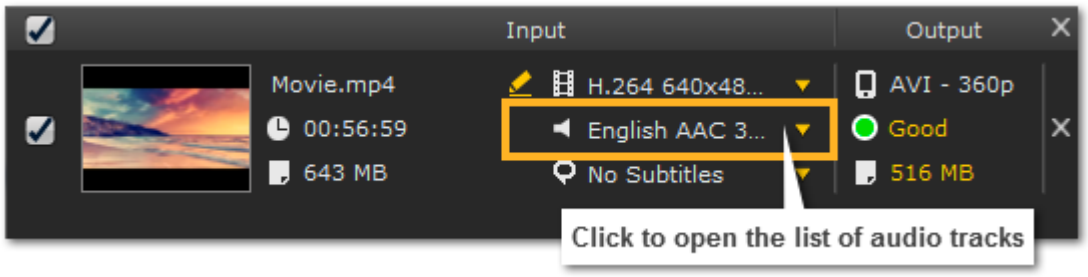
Standard Definition Resolutions (SD)	
240x180	4:3
320x240	4:3
480x320	3:2
640x360	16:9
640x480	4:3
720x480	(NTSC DVD)
720x576	(PAL DVD)
800x480	5:3
854x480	16:9
960x540	16:9
High-Definition Resolutions (HD)	
1280x720	16:9
1280x800	16:10
1920x1080	16:9
2560x1440	16:9
3840x2160	16:9
7680x4320	16:9

Choose audio tracks

It is not uncommon to find video files with multiple audio tracks, and you might want to keep some or all of the audio tracks when you convert the video, whether they include audio for different languages or the director's comments.

Open the audio track panel

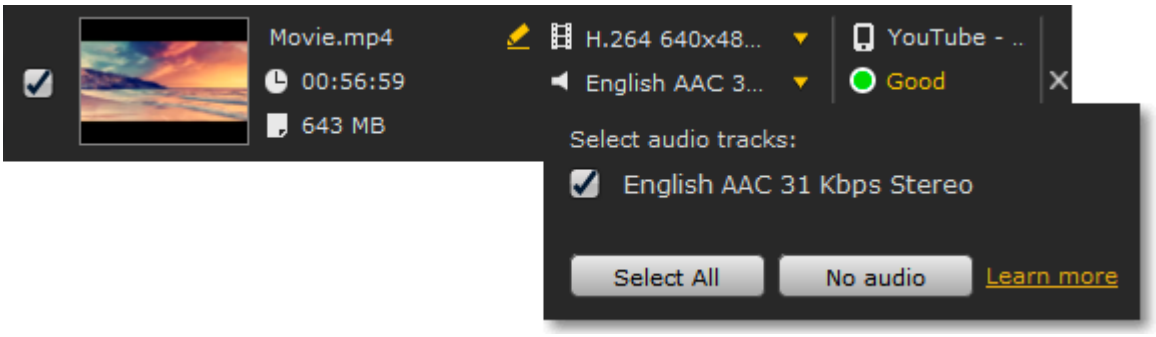
Click the sound icon next to the file to open the list of available audio tracks.



Select audio tracks

To convert the file **without audio**, click the **No audio** button or manually deselect all tracks. This may be useful if the video file only has white noise or you do not want to keep the audio: you can slightly reduce the output file size by removing audio.

Choose the necessary tracks in the list. You can choose to save all the tracks by clicking **Select All**.



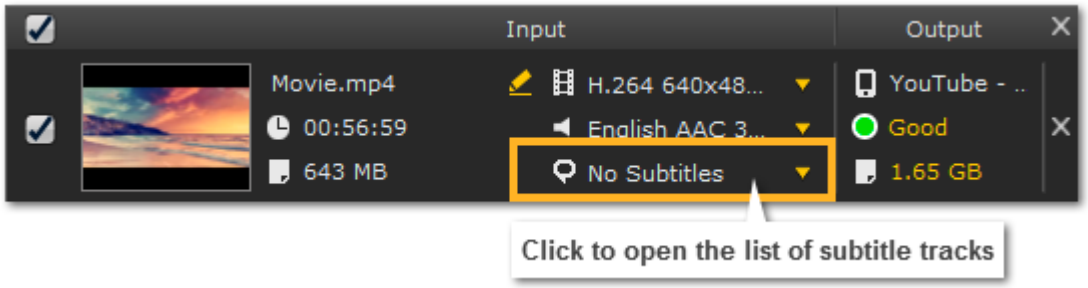
You can select as many tracks as you like, but keep in mind that not all formats support multiple audio tracks. You can consult the table below for information on each format:

Format	Number of audio tracks supported
3GP	1
AVI	16
DVD	8
FLV, SWF	1
MKV	16
MOV	16
MP4	16
MPEG-1, MPEG-2	16
OGV	1
WebM	16
WMV	16

Choose a subtitle track

Open the Subtitle Panel

Click the speech bubble icon next to the file to open the list of available subtitles.

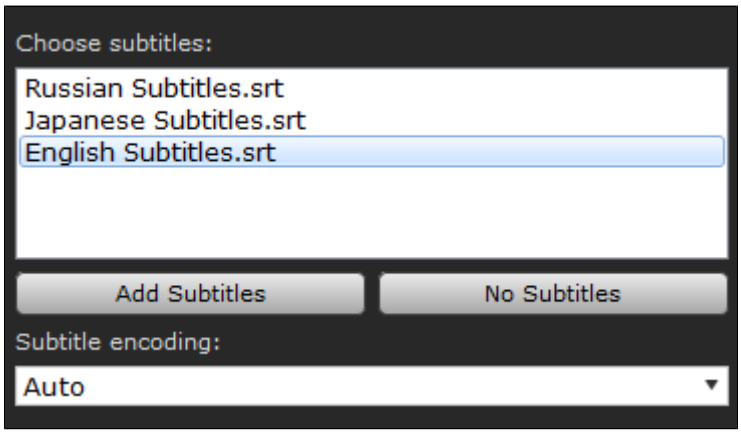


Selecting a Subtitle Track

If there is only one subtitle track present in the file, it will be selected automatically.

If there are several subtitle tracks stored in the file, simply click on it in the list of subtitles to select it for conversion.

To convert a video without subtitles, simply click the **No Subtitles** button.



Adding Subtitle Tracks

You can add external subtitle tracks to be stored inside the video file after conversion. Click the **Add Subtitles** button in the subtitle panel and browse your computer for **.srt*, **.ass*, and **.ssa* subtitle files.

Subtitle Encoding

If you have subtitles written in a language other than English, they may be encoded with a different character set. By default, Movavi Video Converter will try to guess the subtitle language based on your system, but you can also manually select the language from the **Subtitle encoding** list so that all characters are displayed correctly, especially if you are using hieroglyphic or right-to-left language subtitles.

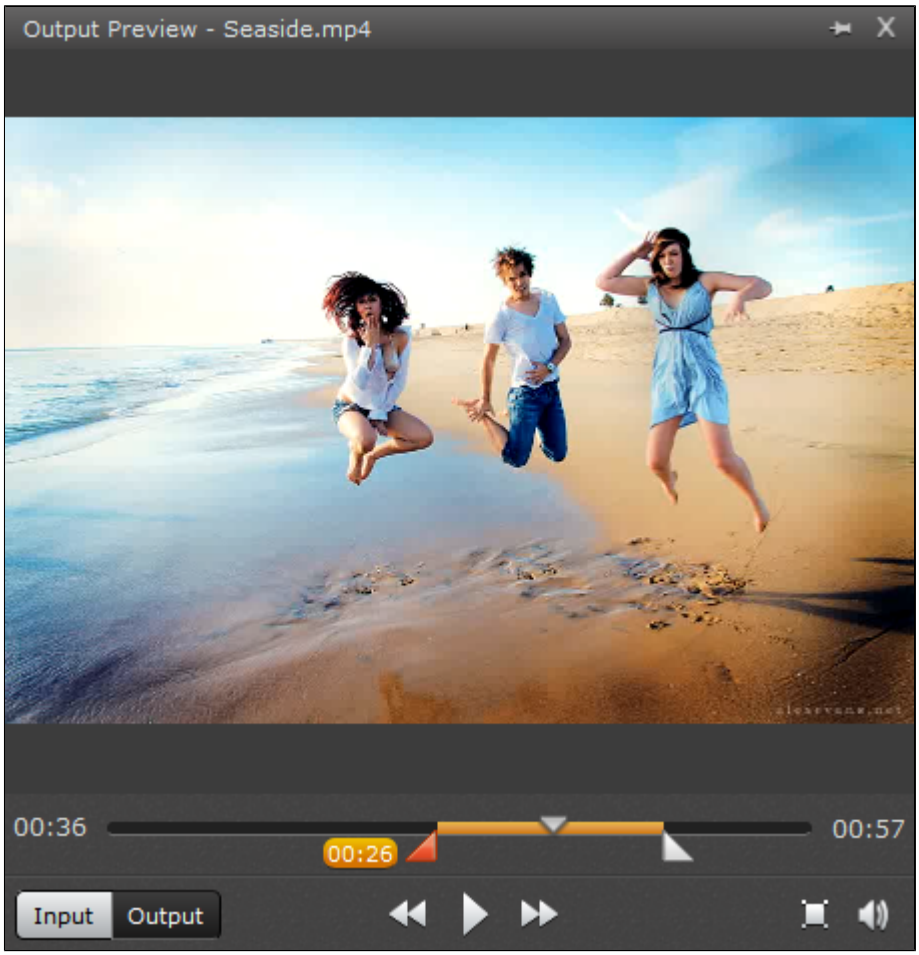
Use the player's **output** mode to preview the subtitles and check that the text is displaying correctly.

Extract audio from video

Movavi Video Converter can help you convert not only video files into other video formats, but also convert video files to audio formats, thus extracting the soundtrack from your videos.

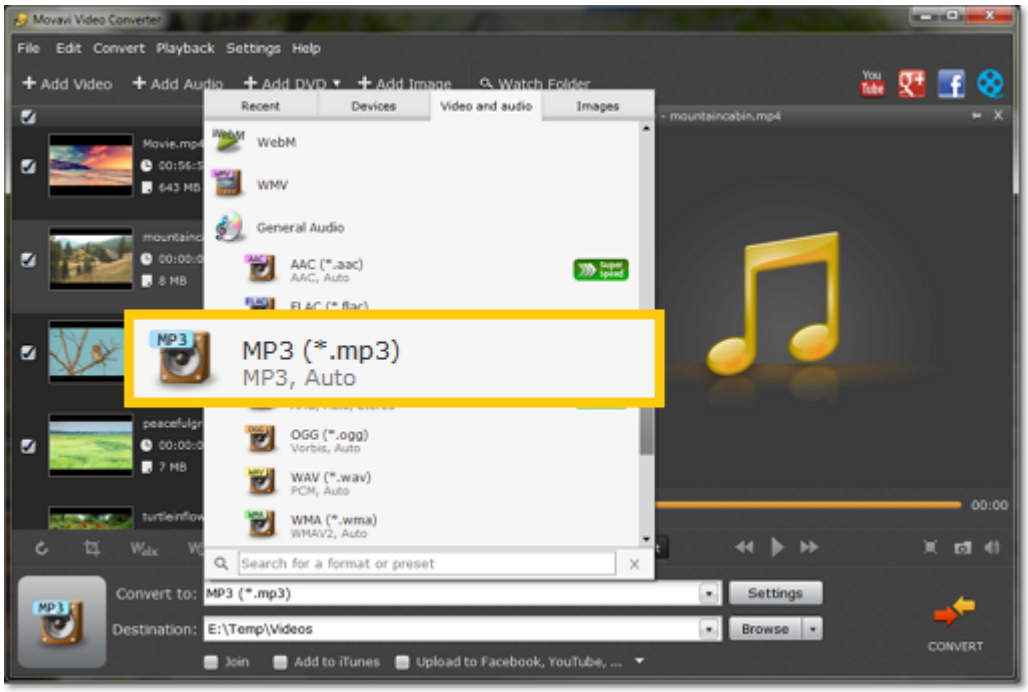
1. Add video files or DVDs to the program.

2. Select a video fragment that you want to extract the audio from. In the **preview area**, drag the markers from the beginning and the end of the progress bar so that the necessary fragment is located between them. This way, you can save only the part you need without having to cut the audio file later.



3. Select an audio preset:

3.1 Click the **Convert to** field to open the list of presets.
3.2 Open the **Video and audio formats** category and scroll to the bottom to find audio preset groups.
3.3 Click on the necessary format group (MP3, FLAC, etc.) to open it and see the available presets. Then, select the bitrate you prefer. Higher audio bitrates generally mean higher quality, however the file size will also be larger.
To preserve the original quality, choose a preset labeled with **Same as input**.
If you want to convert audio with **multichannel** sound, you can use WAV, OGG, or FLAC formats.

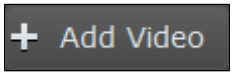


4. Check the **Destination** line to make sure you're saving your audio into the right folder and click **Convert** to start converting video into audio!

* Please note that Movavi Video Converter is not intended for making illegal copies of copyrighted material.

Creating GIFs from videos

1. Add a video to the program
Click the **Add Video** button and select the necessary file or drag-and-drop video files onto the file list.



2. Trim the video:
Select the video in the file list. Then, in the player area, drag the triangle markers to mark the beginning and the end of the fragment you want to make into a GIF. When you move a marker, you will see an orange bubble next to it, showing the exact time position of the selected marker. To set a precise position, click inside the orange bubble and type in the necessary time.
*For more information, see the Trimming Video and Audio section.

3. Select a GIF preset:

- Click the **Convert to** field to open the list of presets
- Go to **Image formats** and click the GIF group to see all GIF presets.
- Choose the most appropriate GIF size. You can also make GIF avatars – just choose one of the avatar presets with the necessary size.

4. **(Advanced)** If you need to change the GIF's frame rate, click the **Settings** button and select one from the **Frame rate** list. Higher frame rates will make the movements seem smoother, but will increase the GIF's file size.

5. Click the **Convert** button to save your GIF image.

Burn DVDs

Please note that you will need to have Movavi ChiliBurner or Movavi Video Suite installed to use the DVD burning feature.

You can use Movavi Video Converter to prepare videos for burning to DVDs with Movavi ChiliBurner.

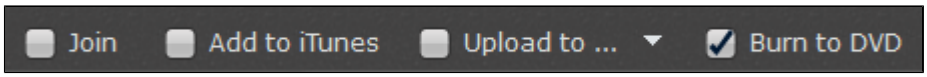
1. Add videos for conversion using the **Add Video** or **Add DVD** buttons located in the upper part of the main converter window or simply drag-and-drop files from Windows Explorer.

2. Select the necessary preset:
Click anywhere within the **Convert to** field to open the preset list and go to **Video and audio formats**. There, open the **DVD-Compatible Video** group and select a preset depending on which TV standard (NTSC or PAL) and quality you need.

The TV standard largely depends on the country you live in, or on the country where your DVD player was manufactured:

- **NTSC** is used in North and Central America, most countries of South America (excluding Argentina and Brazil), Burma, Japan, the Philippines, South Korea, Taiwan, and Vietnam.
- **PAL** is used in all countries of Africa, Europe, Oceania, and the Middle East, most Asian countries, as well as in Argentina, Brazil, Paraguay, Uruguay, and French Guiana

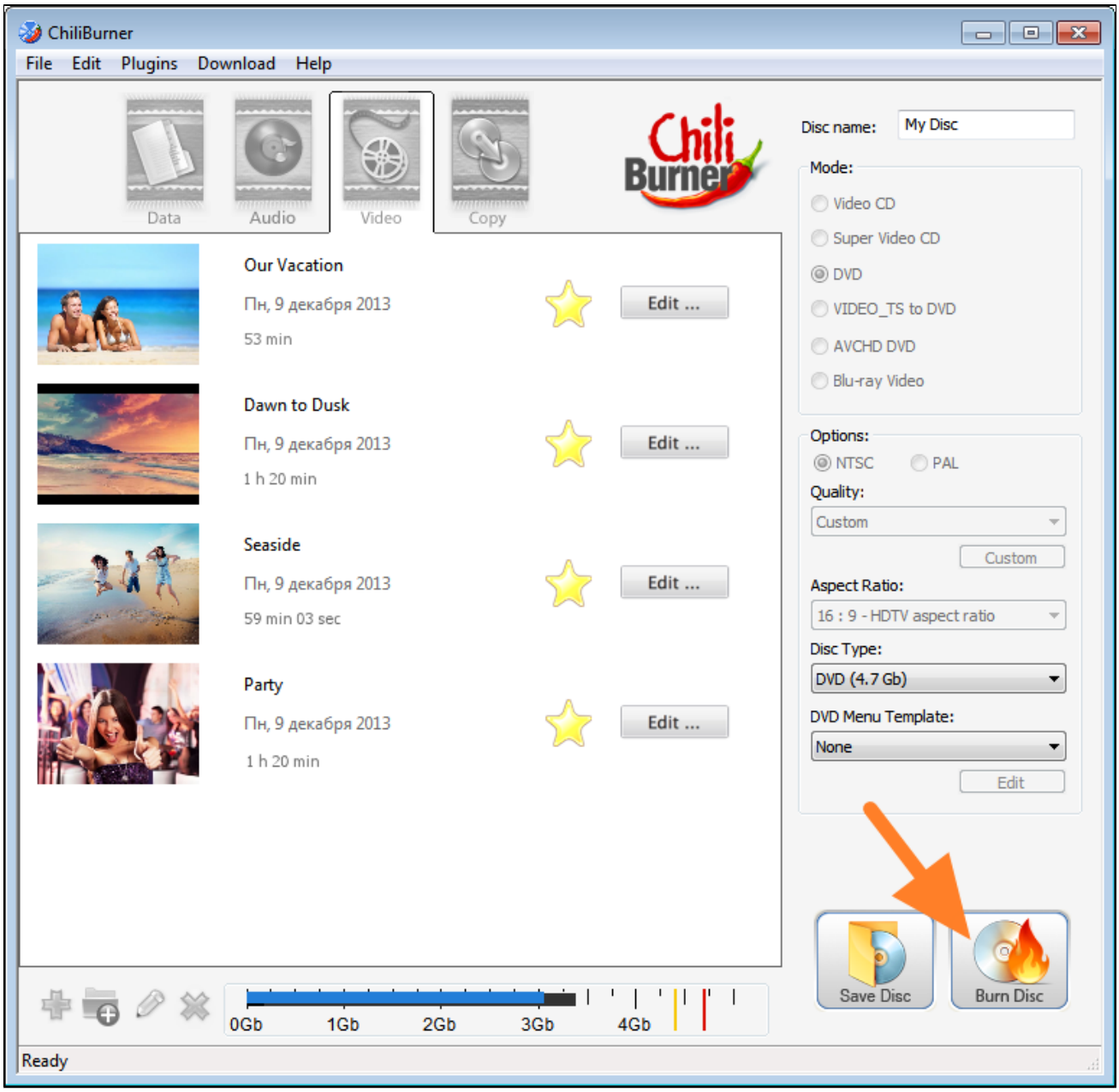
3. Now that you've selected a DVD-compatible preset, the **Burn to DVD** checkbox will appear at the bottom of the window. Select this option to burn the videos right after conversion.



4. If you will be needing the converted videos later, make sure to check where they will be saved in the Destination line, and if necessary, specify a new one by clicking the **Browse** button and selecting a new folder in the Explorer dialogue.

5. Click **Convert** to start the conversion process.

6. Once your files have been processed, the DVD burner module will open. Your files will already be added to its list. All you will need to do now is make sure there is a writable DVD inside your DVD drive and click **Burn Disc**.


ChiliBurner
File
Edit
Plugins
Download
Help
Data
Audio
Video
Copy
Chili Burner
Disc name:
My Disc
Mode:
Video CD
Super Video CD
DVD
VIDEO_TS to DVD
AVCHD DVD
Blu-ray Video
Our Vacation
Пн, 9 декабря 2013
53 min
Edit ...
Dawn to Dusk
Пн, 9 декабря 2013
1 h 20 min
Edit ...
Seaside
Пн, 9 декабря 2013
59 min 03 sec
Edit ...
Party
Пн, 9 декабря 2013
1 h 20 min
Edit ...
Options:
NTSC
PAL
Quality:
Custom
Custom
Aspect Ratio:
16 : 9 - HDTV aspect ratio
Disc Type:
DVD (4.7 Gb)
DVD Menu Template:
None
Edit
Save Disc
Burn Disc
0Gb
1Gb
2Gb
3Gb
4Gb
Ready

Convert audio files

Even though MP3 is still the most frequently used audio format, you may sometimes encounter audio in other formats, not always compatible with your player or device. On the other hand, if you're an avid music fan, some formats may retain quality better than others, such as FLAC for storing lossless music. Follow the instructions below to learn how to convert audio files.

Step 1: Add Files

To add audio files to the file list, click the **Add Audio** button at the top of the window and select the files you want to convert. Learn more

Step 2: Choose a Preset

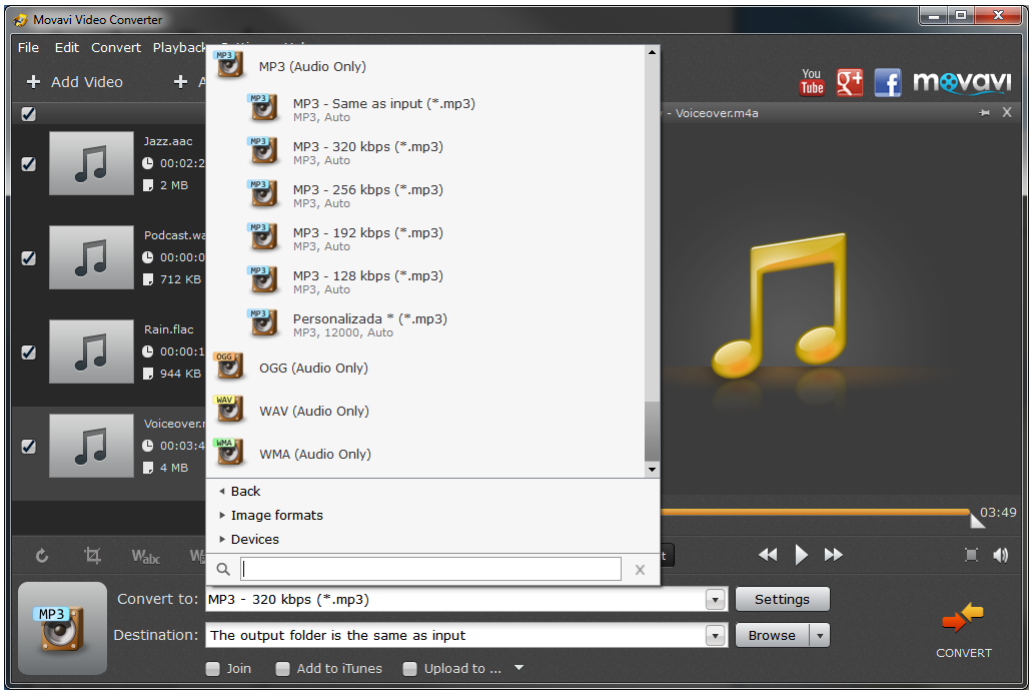
Click the **Convert to** field to open the list of presets and go to **Video and audio formats**. Scroll to the very bottom of the list to find audio format groups. Click on a format group to open it and then select the preset that best suits your needs. Here's everything you need to know about choosing an audio preset:

General Audio – this group contains presets for popular audio formats. These are useful if you just want to change the format without losing quality.

Bitrate – the bitrate reflects the amount of data in kilobits that is played back each second. Higher bitrate usually means higher audio quality as well as larger file size, as extra data needs to be stored within the file. For audio presets, the bitrate is listed next to the format.

When you convert a file to lower bitrate, the extra bits of data are irretrievably lost, meaning that you cannot increase quality by converting audio to a higher bitrate, because the file no longer contains the data that can be used to restore higher quality. Therefore, it only makes sense to convert audio to lower bitrates or keep the original bitrate. You can find a file's audio bitrate in the Input column of the file list next to the video stream.

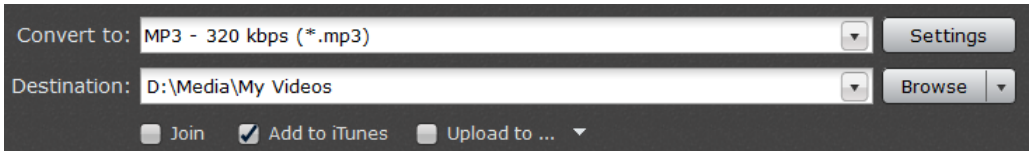
To convert the audio file without changing the bitrate, choose the preset marked **Same as input**. Please note that some formats, such as MP3, do not support high bitrates: in that case the file will be converted with the maximum supported bitrate for that format.



Step 3: Set a Destination Folder and Convert

The **Destination** line displays the file path to where the program will place the converted files. To change this folder, click **Browse** and select the necessary folder using the standard Windows dialogue.

If you want to add the files to your iTunes library after conversion, just tick the **Add to iTunes** checkbox beneath the **Destination** line. *Please note that you will need iTunes 6.0 or higher installed on your computer.*



When you've set everything up, click **Convert** to start the audio processing. Your files will be ready in a few minutes at most.

Convert images

1. Click the **Add Image** button and select the images you want to convert.

2. Select a format for converting the images:
Click the **Convert to** field to open the list of conversion presets and select **Image formats**. Click the necessary format and select a preset. **Social Networking** presets allow you to convert images for uploading for popular social networks.

To resize images:

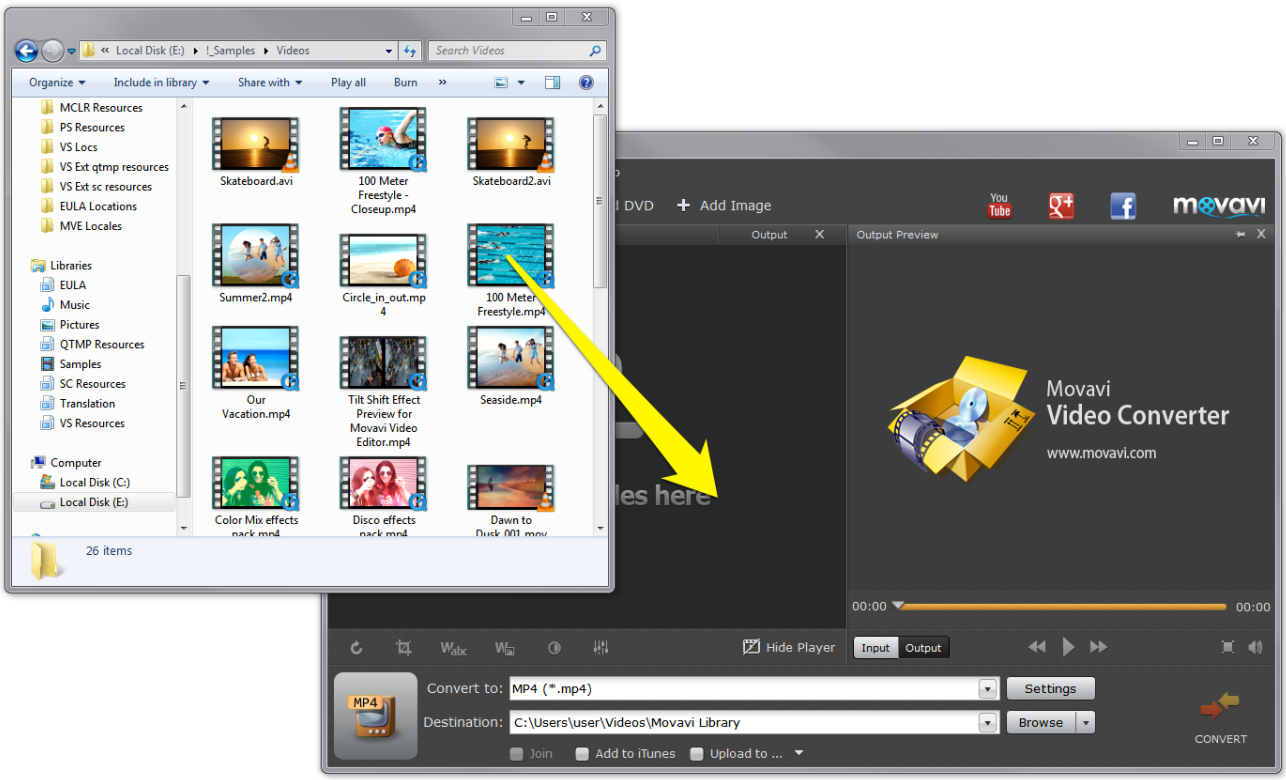
Click the **Settings** button next to the **Convert to** field to open the settings for the selected preset. In the **Frame size** list, select the necessary size, or select **Custom** and enter the new dimensions into the **Width** and **Height** boxes to the right. By default, the picture's proportions will be maintained when you enter a new size. If you want to change the size without keeping the proportions, click the link icon next to the **Width** and **Height** boxes: – constrained proportions, – free proportions.

3. To begin saving the images, click the **Convert** button in the bottom right corner.

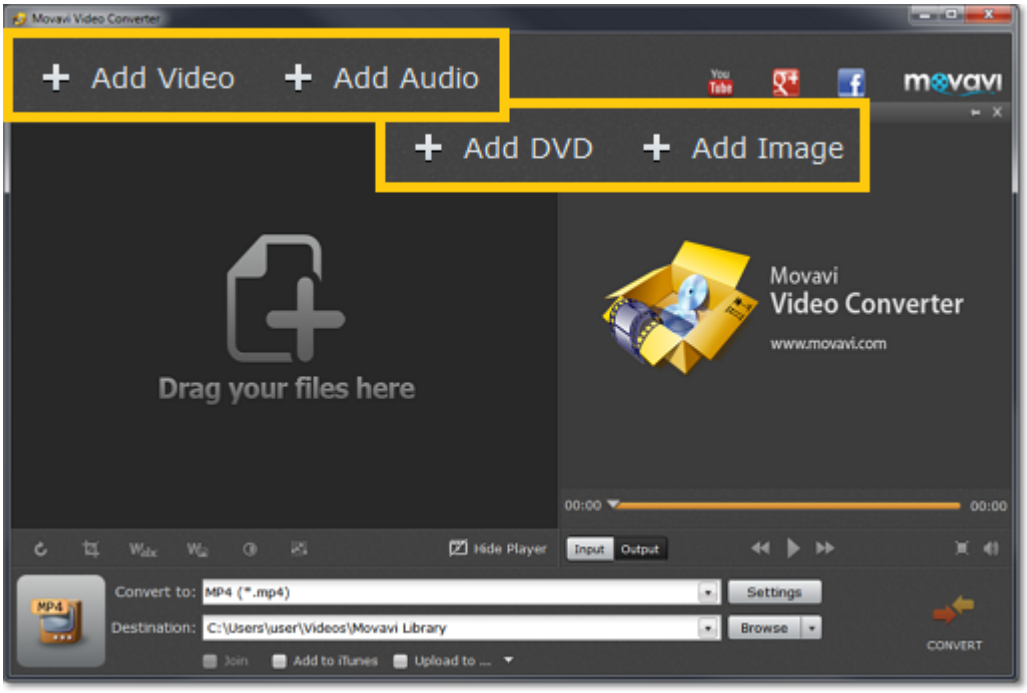
Adding Media for Conversion

Opening files

To begin converting media files, you will need to first open them in Movavi Video Converter. Just drag-and-drop them directly from any Explorer window right onto the Movavi Video Converter file list.

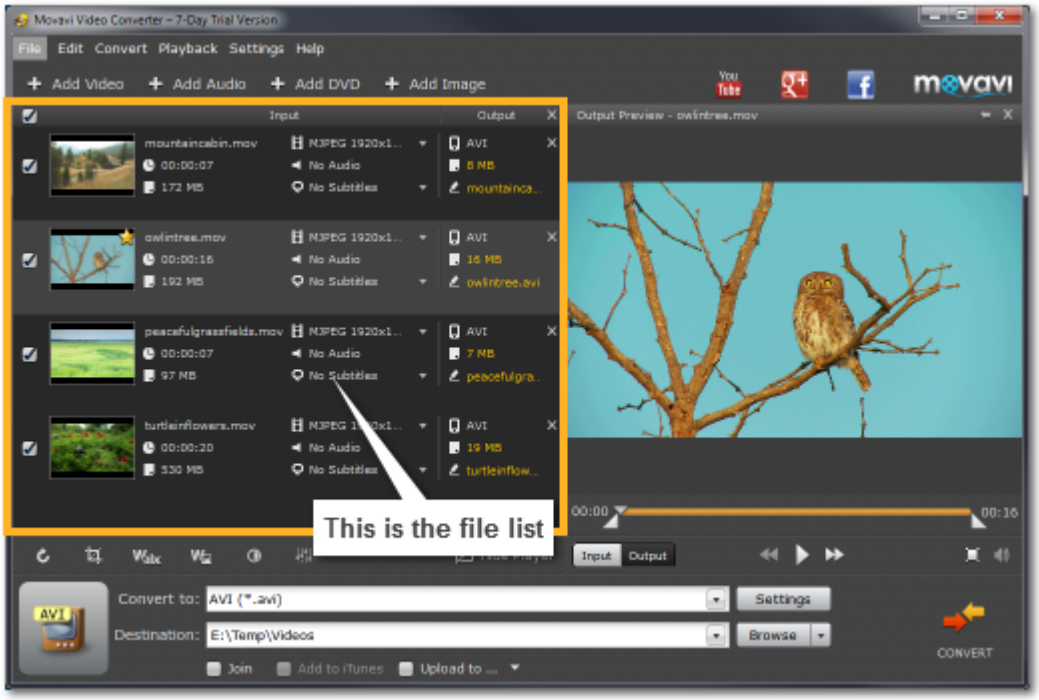


You can also add files using the **Add Video**, **Add Audio**, **Add DVD** or **Add Image** buttons. Simply click a button to open files of the corresponding format. A dialog box will appear. Choose the files you want to convert and click **Open**.

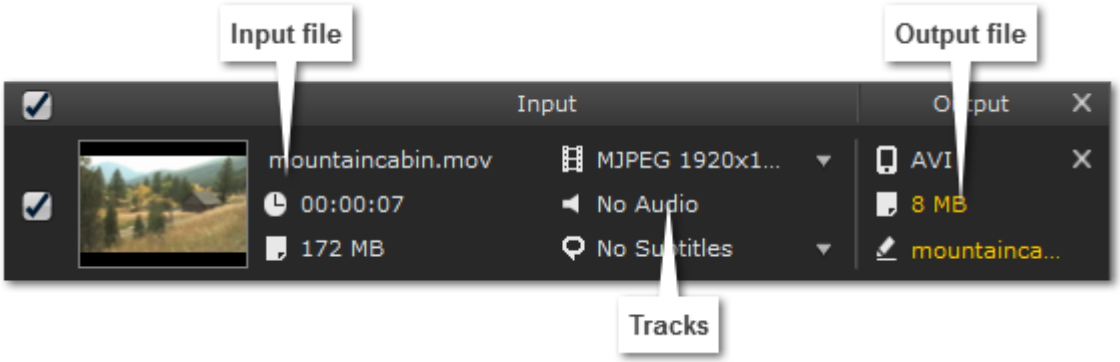


File list

After you have opened the files, they will all appear in the file list. Here, you can view information about the files, choose audio and subtitle tracks, and manage the output file.



In the left-hand column, you can find the information about the original (input) file.
In the middle column, you can find the tracks of each video file, and select audio and subtitle tracks.
In the right-hand column (output), you see information about the output file, and manage its quality or change its file name.



Change output format

After you've added media files, it's time to choose what you want to convert them to.

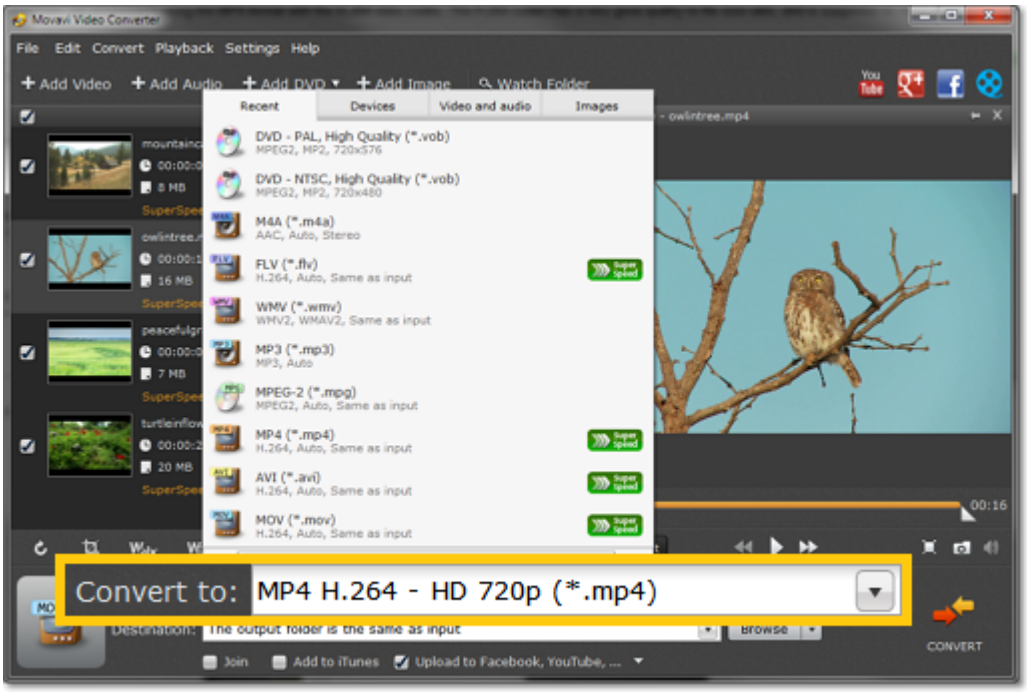
What is a preset?

A preset is a set of pre-made parameters for converting the files for a specific format or purpose. To convert videos, simply choose a preset that suits your needs, and all the settings will be automatically set for you. This way, you won't have to worry about choosing a bitrate.

Example:
I want to convert a video for watching on an iPhone 6 → Choose the iPhone 6 preset → The program automatically selects the perfect format, resolution, and bitrate.
I want to convert a video for uploading to YouTube → Choose a YouTube HD preset → The program will automatically set the format, codec, and resolution that is accepted by YouTube for uploads.

Step 1: Open the list of presets

Click the '**Convert to**' field to open the list of all available presets. First, you will see the most recent and featured output settings.



Step 2: Find a format

Next, find the format you want to convert the files to. You can use the search field at the bottom of the list, or you can browse the categories to find the preset you want.

Converting video and audio

If you need to convert to a video or audio format, click **Video and audio** at the top of the list. Inside, you will find groups of video and audio formats sorted alphabetically with video formats first, and audio formats at the bottom of the list. In addition to standard media formats, you can find special presets for specific purposes:

- **General Video, General Audio**: using presets from these groups will convert the files changing only the format, while all other properties, such as resolution and bitrate, will remain unchanged. This allows you to retain the best quality after conversion.
- **DVD-compatible Video:** using these presets will allow you to burn your video to disc straight after conversion.
- **HD Video, 4K Ultra HD Video**: these presets are optimized for working with high-definition videos with large resolutions. Note that using these presets is beneficial only of the original video has a very high quality.
-

Upscale SD, DVD to HD: if you need to convert a small resolution video to a large frame size, these presets will convert the video at a slightly higher quality. However, please note that the output videos will not be a true HD-quality, since they were created from a smaller resolution.

- **HTML5, Online Video, Web-Compatible Video**: use these presets if you want to upload the files online after conversion.

Converting images

If you need to convert pictures, click **Images** at the top of the preset list and choose the image format you want to use.
Learn how to convert images

Converting for devices

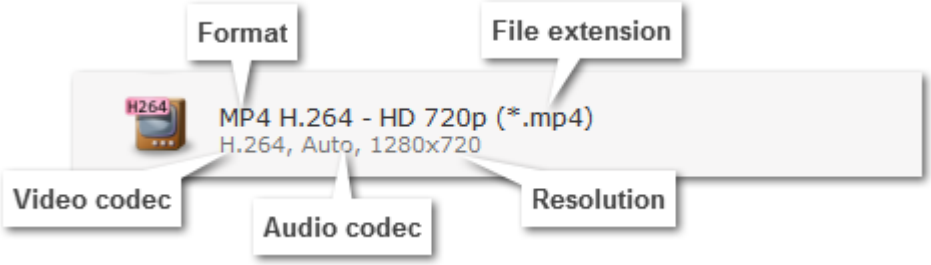
If you want to watch the video on a device, click **Devices** at the bottom of the list. Then, find your device's manufacturer and click the group to open it. Inside, choose your device's model or the one closest to it.
Learn how to convert for devices

Step 3: Choose preset

When you've found the preset that you need, click on it to select it. Note that all files currently open in Movavi Video Converter will be converted using the same preset.

Each preset displays the following information:

Format	The file's container format is like a box that stores encoded information about the file's video and audio streams.	MP4 AVI
Video codec	A video codec is the way the video stream is encoded or 'packed' into the video file. Decoding the video then requires a special codec to be supported in the player. If you're not sure which codec to use, the H.264 video codec is very good in terms of size to quality. Learn more about formats and codecs	H.264 VP8 MPEG2
Audio codec	The audio codec is the way the file's sound is encoded and 'packed' into the file. If the preset's audio codec is listed as '*Auto*' it means that the original file's audio will be preserved if it is supported by the output format.	AAC MP2 Auto
Resolution (frame size)	The video's frame size is basically its width and height. Using a large resolution can help you preserve better quality, but only if the original video has a greater or equal frame size. Presets marked with '*Same as input*' will keep the original file's frame size, maintaining better quality.	HD 720p 640x480 Same as input
File extension	The file extension is usually the same as the container format, and is shown in parentheses.	(*.mp4)



Faster conversion

Some presets may also have an **acceleration** icon next to them, meaning that if you choose one of these presets, the files will be converted much faster:

Super Speed — Converts videos up to 50x faster without quality loss if the input and output files have compatible formats

Intel® HD Graphics — Uses the video processing capabilities of your Intel® processor to accelerate video conversion (Only for compatible Intel® processors)

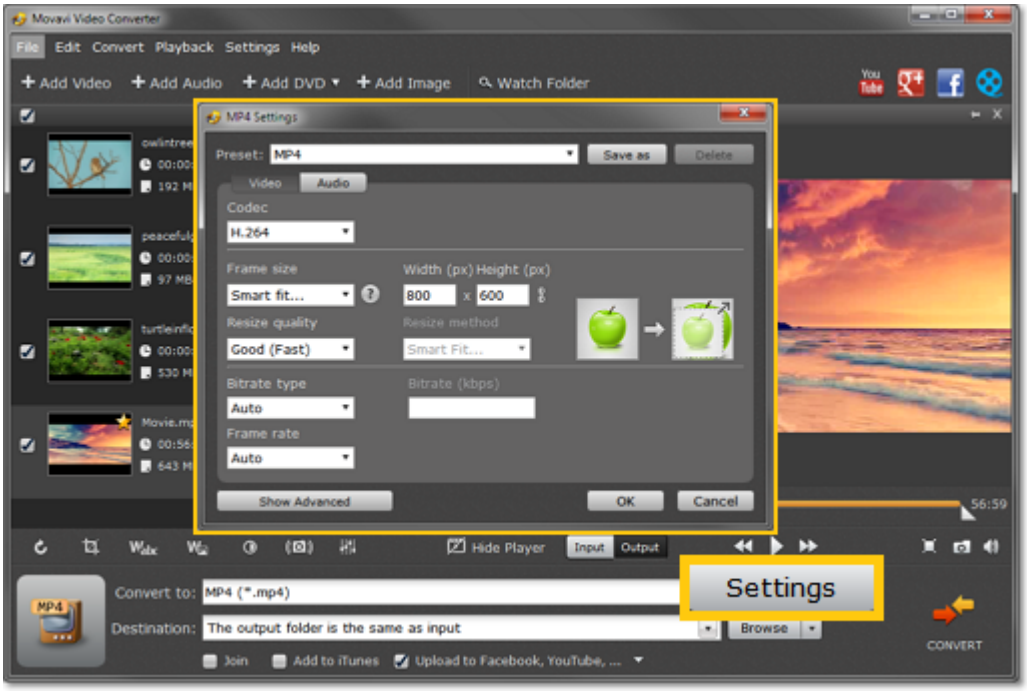
Uses your GPU to accelerate video processing (Only for NVIDIA graphics cards)
Learn more about acceleration

Advanced settings

If you can't find a suitable preset, you can select the necessary properties manually. Click the **Settings** button next to the '*Convert to'* box to modify the video and audio properties of the currently selected preset.

Advanced Conversion Settings

After selecting a preset, you can manually modify it to change any output properties. To do that, click the **Settings** button next to the '**Convert to**' box to open the settings for the selected preset.



To see more settings, click **Show Advanced** at the bottom of the settings window.

Two Pass Encoding

Encoding videos in two passes means that the encoder will go over the media file twice: first, to analyze the file and then to convert it using the collected data. This takes extra conversion time, however it allows for a higher output quality and possibly a slight reduction in file size.

To enable two pass encoding:

1. Inside the **Settings** window, click **Show Advanced** to show the encoding settings.
2. Under **Encoding type**, choose **Two Pass**.
3. Click **OK** to accept the changes.

Change the output folder

The **Destination** line located in the bottom part of the converter interface allows you to change the folder where Movavi Video Converter will place the output files.

The default destination for saving your files is your Movavi Library, located in your Videos folder. However, you can easily change it using one of the following ways:

- Click the **Browse** button and specify the necessary folder using the standard Windows dialogue.
- Click the text in the **Destination** field and type in the necessary path.
- Click the arrow button next to the **Destination** field. This will open a list which will contain the following options:
    - Your *Videos\Movavi Library* folder
    - **The output folder is the same as input**: selecting this option will place the output files right next to the input files.
    - Any folder paths you have recently used.

You can always quickly open the selected folder by clicking the arrow to the right of the Browse button and selecting **Open output folder**. This will open the folder in Windows Explorer so that you can check its contents.

Editing media files

Trimming videos

If you only want to convert a part of the video, you can trim off the parts you don't want from the beginning and end of the file.

Learn more about trimming videos

Original video - 5 min.

Trimmed video - 30 sec.

Joining videos

If your video footage is in several different files, you don't need to use a full-function video editor to join them together.

Learn more about joining files

Joined videos

Flipping and rotating videos

Nobody likes videos with the wrong orientation! This can be easily fixed with the **Transform Video** tool which lets you rotate and flip videos or images.

Learn more about transforming videos

Left to right: original image, rotated 90° clockwise, rotated and flipped horizontally

Cropping videos

Cropping a video can change the video's aspect ratio to remove any black bars around it; you'll be able to use the entire screen when watching the video. Cropping a video or image can also help to remove unwanted images from the edges of the screen (for example, if there's a dumpster at the edge of an otherwise beautiful video!) or draw attention to the center of the frame.

Learn more about cropping

Cropping a video

Changing the aspect ratio

Changing the video's aspect ratio also lets you to make full use of available screnn real estate without black bars. This is particulary useful if you want to watch old TV-format videos on a new 16:9 screen, or vice versa.
Learn more about aspect ratios

4:3 video turned into 16:9

Adding a watermark

Adding your name or logo on top of the video will make sure nobody else can take credit for your videos.
Learn more about watermarking

Original video; image watermark; text watermark.

Adjusting colors

Using Movavi Video Converter, you can make quick color adjustments to your videos and photos. Use automatic adjustments for fast enhancement, or adjust the hue, brightness, and saturation manually.
Learn more about video adjustments

Before and after adjustment

Stabilizing video

If your videos have a lot of camera shake, you can reduce the effects using video stabilization.
Learn how to stabilize video

Enhancing audio

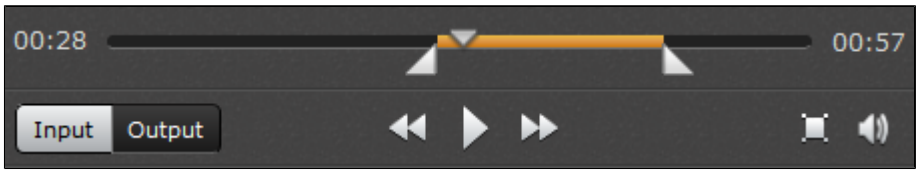
Many movies have problems with volume, where the dialogue is too quiet and action scenes blast at full volume. To combat this, you can normalize the file's audio track using Movavi Video Converter, or adjust the volume level manually.
Learn more about audio enhancements

Trim video and audio

If you have a very long and large video but only want to share a part of it with your friends, or you just want to trim some "garbage" from the beginning or the end of the video, follow these steps:

1. Add media for conversion. You can trim both video and audio files in the same way.

2. In the Preview Area, drag the triangle sliders from the beginning and the end of the progress bar so that the part of the video you want to keep is located between them.



3. That's it! Don't forget to choose a preset and set a destination path. When you click the **Convert** button, only the fragment you've selected will be saved in the output file.

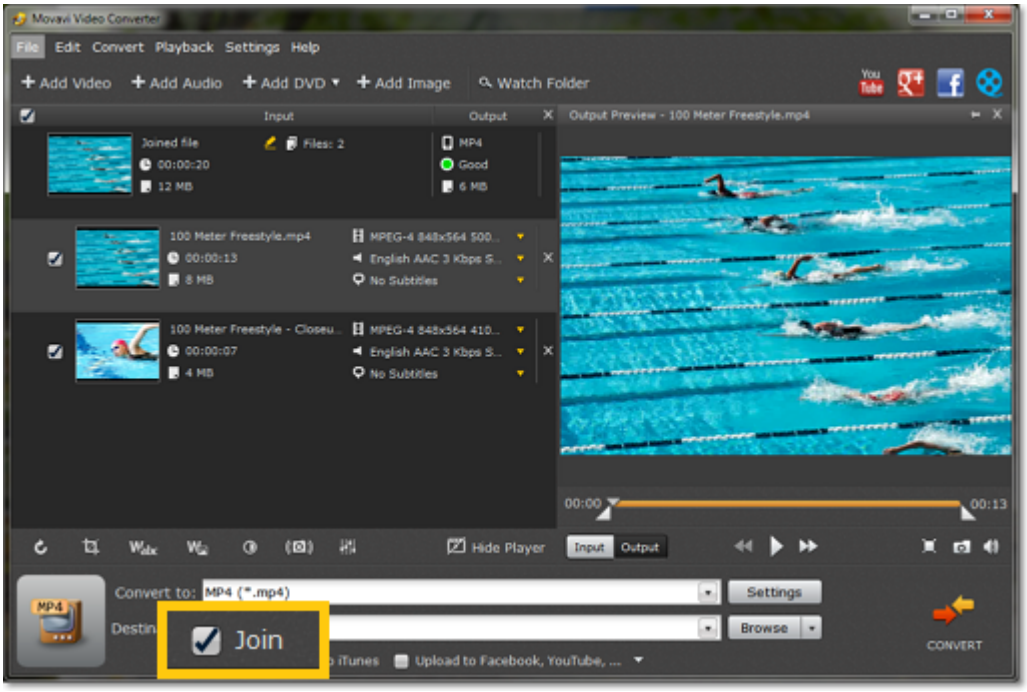
To quickly trim video and audio files without changing their format:
Open the preset list and go to **Video and audio formats**. There, open the group with the same name as the file's format extension (such as *.mp4 or *.avi), and inside it, select the preset marked **Same as input**.

Join files

If you have a collection of video clips that you'd like to make into a single video file, you can easily do it it Movavi Video Converter simply by selecting a checkbox. Just follow the steps below:

1. Add the media files you want to join.
You can join video or audio files, as long as you do not mix them together.

2. Select the **Join** checkbox beneath the destination line.



All the files in the list will be marked for joining, like on the image below. Your files will be shown as an indented list beneath a "Joined file" - this upper line represents the resulting file which will contain the videos you've selected.

If there are files in the list that you do not want to see in the resulting video, simply uncheck them in the file list. If you change your mind later and want to convert the files separately, just uncheck the **Join** option.

3. To change the order in which the videos will appear in the resulting file, drag and drop the files in the list: they will be joined top to bottom in the specified order.

4. Choose a preset for converting the files.

If you are joining files with different resolutions, they will all be converted into the specified preset, however, if you select a preset marked with **Same as input**, the files will be converted with the resolution and other parameters of the first file in the list. You may also want to go into **Settings** and specify a **resize method** that works best your videos, for example, if you want to avoid black bars. Also, please note that SuperSpeed mode is not available when joining files.

Attention!
If your files have multiple audio tracks, please select the same number of audio tracks for each file before joining. To learn more about managing audio tracks, see the Choosing Audio Tracks section.

5. That's it! All you need to do is click **Convert** to start joining your videos.

Flip and rotate video

The **Transform Video** effect can help you rotate or flip a video any way you want.

1. Add videos or DVDs to the file list.

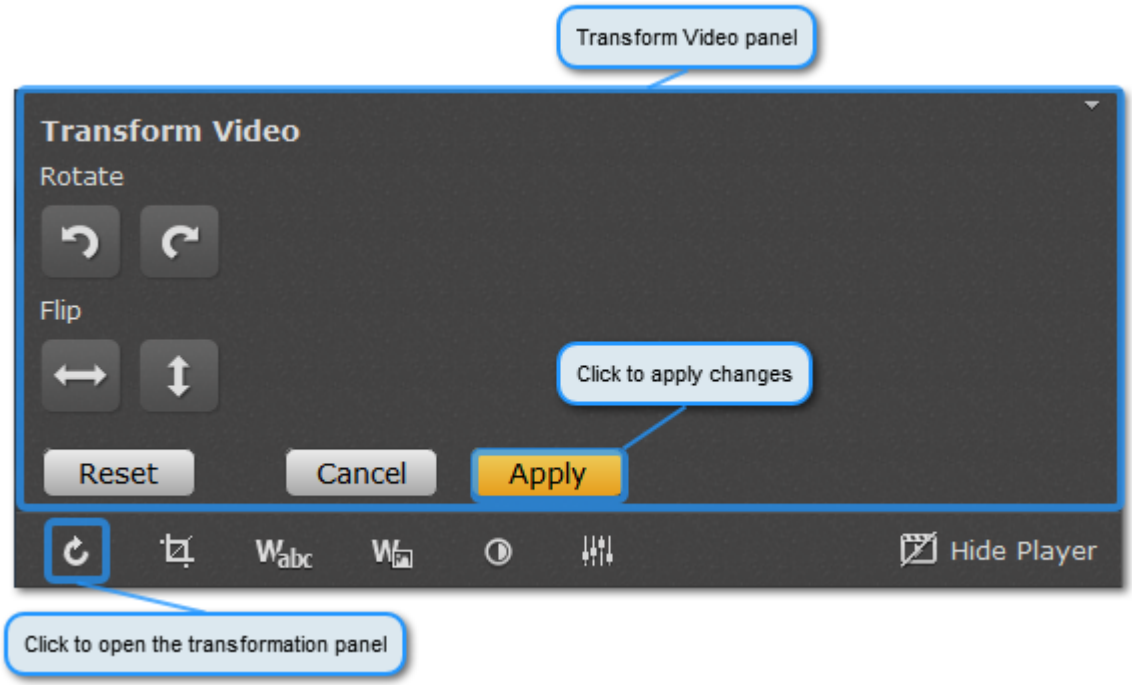
2. Click on a video in the file list to select it for applying effects. If you want to transform more than one video, use Shift+click to select multiple files.

3. Click the **Transform Video** button below the file list. The **Transform Video** panel will open. Use the buttons on the panel to transform the video:

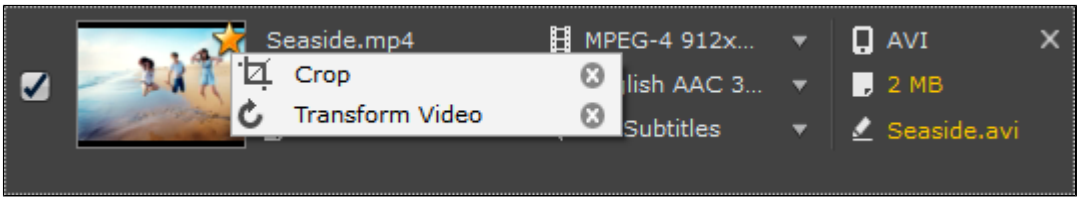
- Rotate the video by 90 degrees counterclockwise.
- Rotate the video by 90 degrees clockwise.
- Flip horizontally.
- Flip vertically.

You can preview the changes in **Output** mode.

4. To accept the changes, click **Apply**.



The selected video's thumbnail will also be marked with a star icon. Right-click the star icon to see which effects have been applied to it. Here, you can also click the icon next to an effect to remove it.



Now you can go on to choosing a preset and setting a destination path. Once you're done, click **Convert** to start the video processing.

Crop video

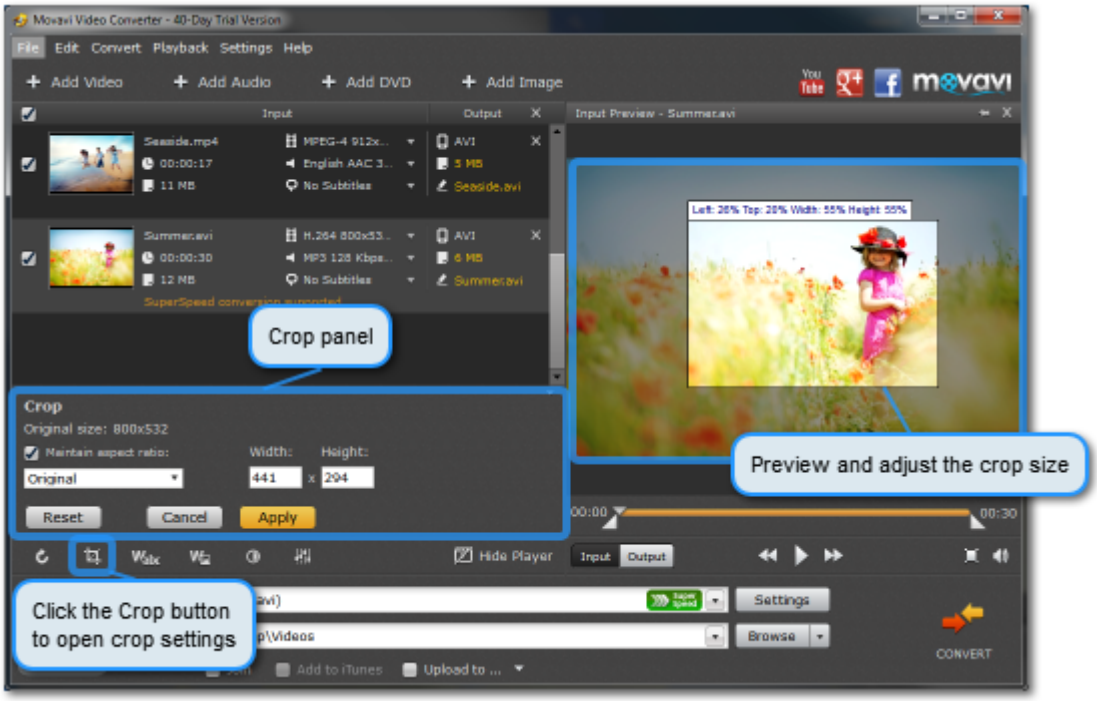
1. Add the files you want to crop, and then click on the file you want to crop to select it.

2. Click the **Crop** button on the effects panel. The **Crop** panel will appear, and the video will be displayed with a crop frame.

3. Adjust the size of the cropped area.

- In the player area (**Input** mode), drag the edges of the frame to define the size of the area you want to crop. You can also set precise dimensions in the **Width** and **Height** fields of the Crop panel.
- If the **Maintain aspect ratio** option is selected, the proportions of the video will be constrained to that of the original. However, you can select a different standard aspect ratio, such as 16:9 or 4:3, or deselect the **Maintain aspect ratio** option and freely set the new frame size.
- To change the position of the new cropped frame, drag the crop rectangle in the preview area to the desired position.

4. Click **Apply** to apply the changes to the selected videos.
You can preview the cropped video in **Output** mode.



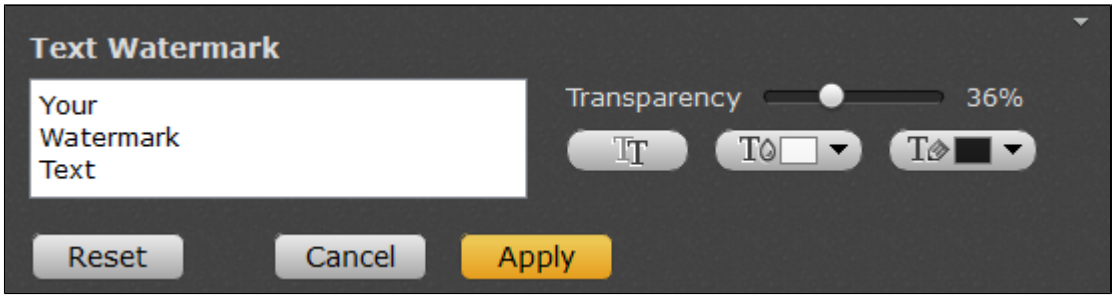
Add a watermark

Movavi Video Converter allows you to add both text and image watermarks to videos and images. You can use them to add any kind of logos or signatures.

Applying a Text Watermark

1. In the file list, click the file you want to edit.

2. On the effects panel, click the **Text Watermark** button: . The **Text Watermark** settings panel will open.



3. Enter the text into the box and set up the font and color.

– opens the font selection dialog box

– allows you to select the main text color

– allows you to select the text outline color

You can also set transparency for the watermark text.

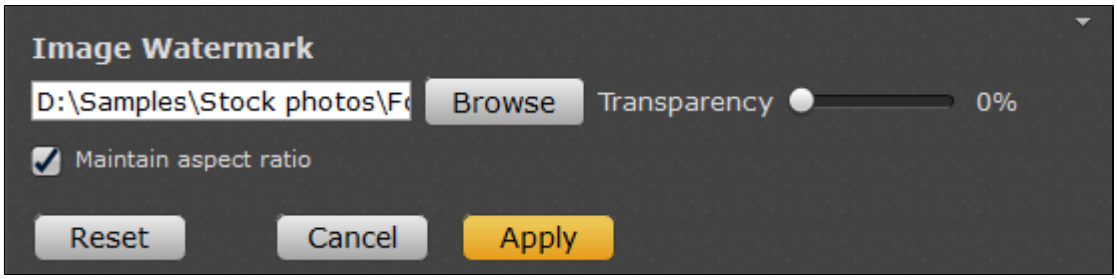
4. Place the watermark inside the video frame.
Make sure that the player is in **Output** mode. You will see the text you've entered in the video preview. Drag the text with the mouse to place it where you want within the frame.

5. Click **Apply** to save the changes.

Applying an Image Watermark

1. In the file list, select the file that you want to apply the watermark to. You can also select multiple files if you want to apply the same watermark to all of them.

2. On the effects panel, click the **Image Watermark** button: . The **Image Watermark** settings panel will open.

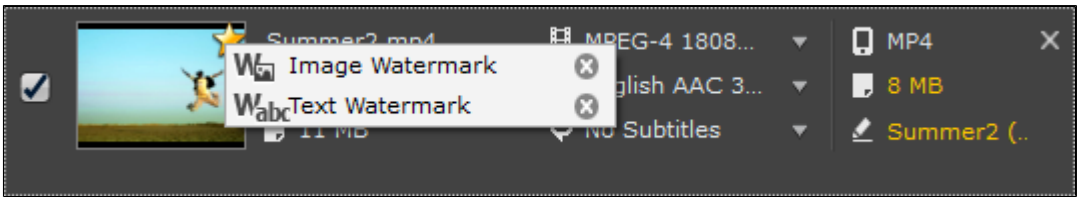


3. Click **Browse** to open a watermark image. If necessary, adjust the transparency if you want the image to be see-through.

4. Place the watermark inside the video frame.
Make sure that the player is in **Output** mode. You will see the image in the video preview. Drag the image with the mouse to place it where you want within the frame. To resize the watermark image, click and drag one of its corners.

5. Click **Apply** to save the changes.

Once you apply one of the watermark effects, the video will be marked with a star icon. You can right-click it to see a list of applied effects. Here, you can also remove an effect by clicking the icon next to it.



All that's left is to select an output format, specify a destination folder, and click **Convert** to start video processing.

Adjust video colors

Not all videos turn out perfect: some may be slightly darker or less saturated than we want them to be. Luckily, you can adjust your videos' brightness, contrast, hue, and saturation right from the converter!

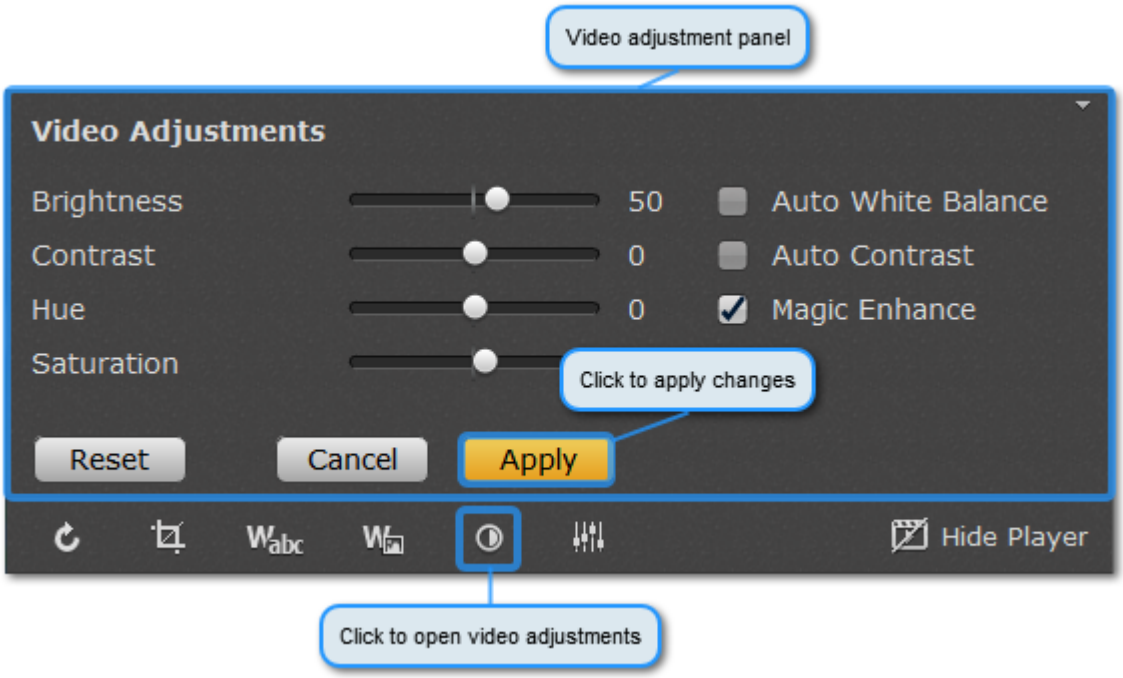
1. Add videos to the file list.

2. Click on the video you want to adjust to select it, and then click the **Video Adjustments** button underneath the file list. The Video Adjustment panel will open.

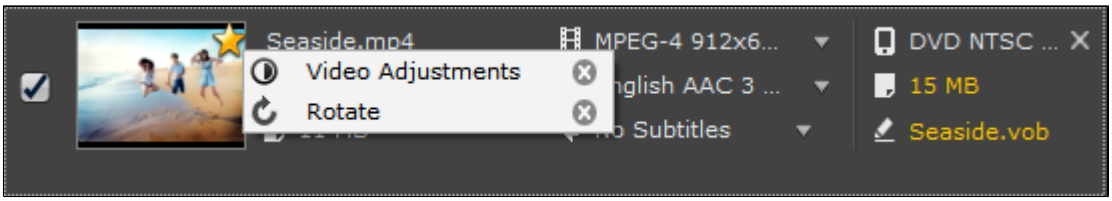
3. Pull the sliders to set the desired adjustment levels. You can also select the automatic adjustment options on the right. The **Magic Enhance** option will automatically adjust the video's brightness and contrast for you.

Make sure that the player is set to **Output** mode so that you will be able to see the changes.

4. Click **Apply** when you're done.



The video's thumbnail will now be marked with a star icon. You can right-click it to see a list of applied effects. Here, you can also remove an effect by clicking the icon next to it.



All that's left is to select an output format, specify a destination folder, and click **Convert** to start video processing.

Stabilize video

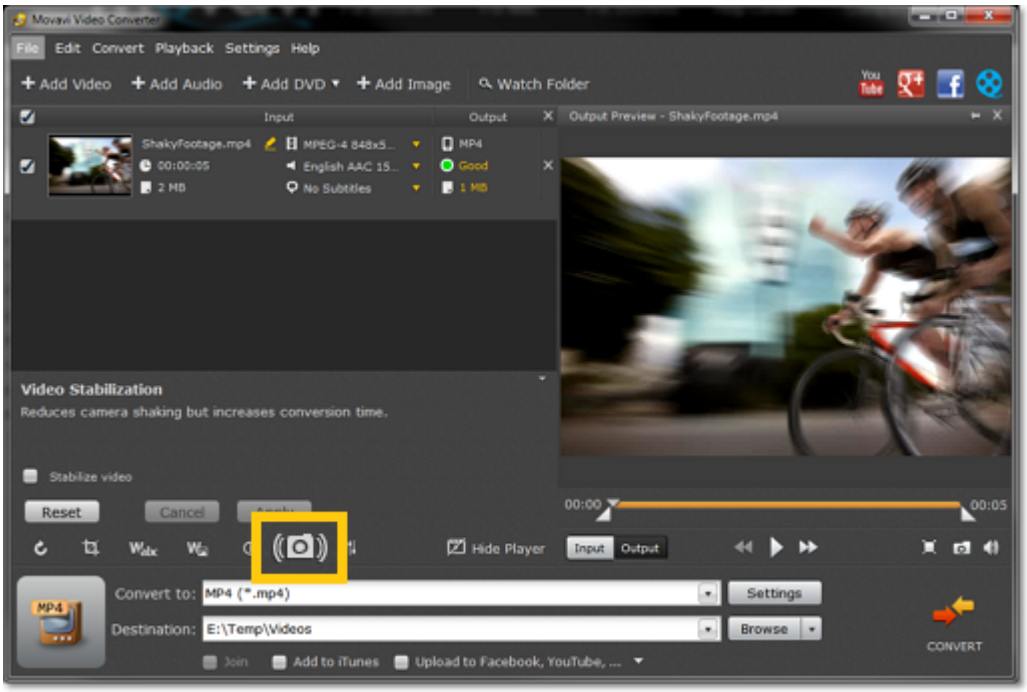
Videos shot on handheld cameras often look shaky and unstable, no matter how hard you try to keep the camera level, especially if you're filming sports using a portative camera such as a GoPro®. To remove camera shake from your videos:

Step 1: Add files

Add the videos you want to stabilize. Click on the video that needs stabilizing to select it.

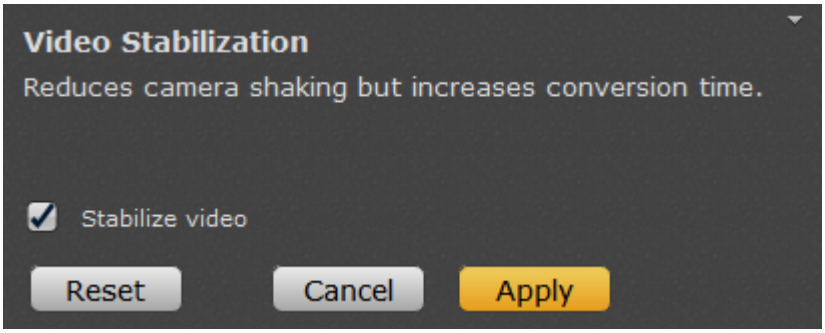
Step 2: Click the Stabilize Video button

On the effects toolbar under the file list, click the Stabilize Video button to open the stabilization panel.



Step 3: Enable stabilization.

On the video stabilization panel, select the **Stabilize video** option and click **Apply**.



Step 4: Convert

Finally, select a destination folder and click **Convert** to start stabilizing the video. Note that conversion will take longer than usual because of the stabilization effect.

Enhance audio

Movavi Video Converter can help you adjust the volume levels of any video or audio file.

To adjust audio:

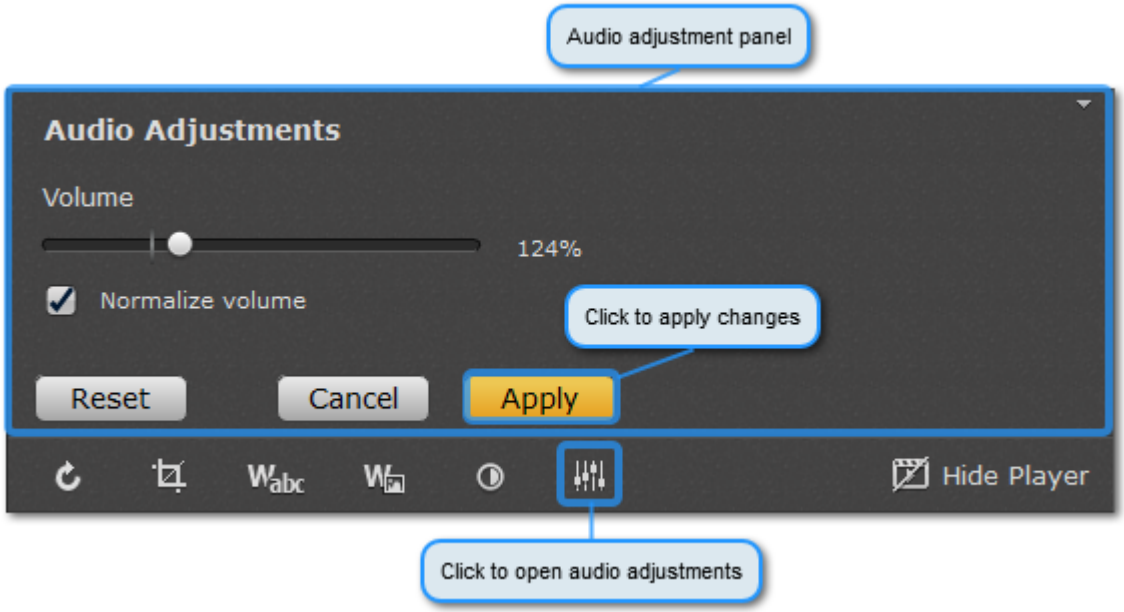
1. Add the files that you want to adjust.

2. Click on the file that you would like to adjust.

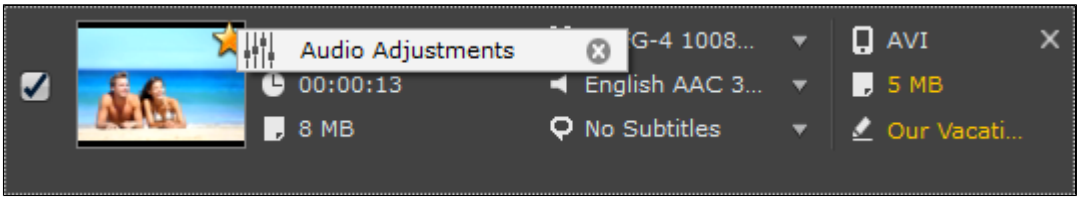
3. Click the audio adjustment button on the effects panel: The **Audio Adjustments** panel will open.

4. Use the slider to adjust the volume relative to that of the original video. If parts of your video are louder or quieter than others, we recommend that you select the **Normalize volume** option to even out the volume levels throughout the video.

5. Click **Apply** to apply the effect to the selected files.



The video's thumbnail will now be marked with a star icon. You can right-click it to see a list of applied effects. Here, you can also remove an effect by clicking the icon next to it.



All that's left is to select an output format, specify a destination folder, and click **Convert** to start video processing.

Reduce file size

Converting videos can often help to compress large files and save disk space. Here are the steps to convert videos to a smaller file size. Note, however, note that if you reduce file size, and consequently the amount of data in a video file, you will inevitably lose some quality.

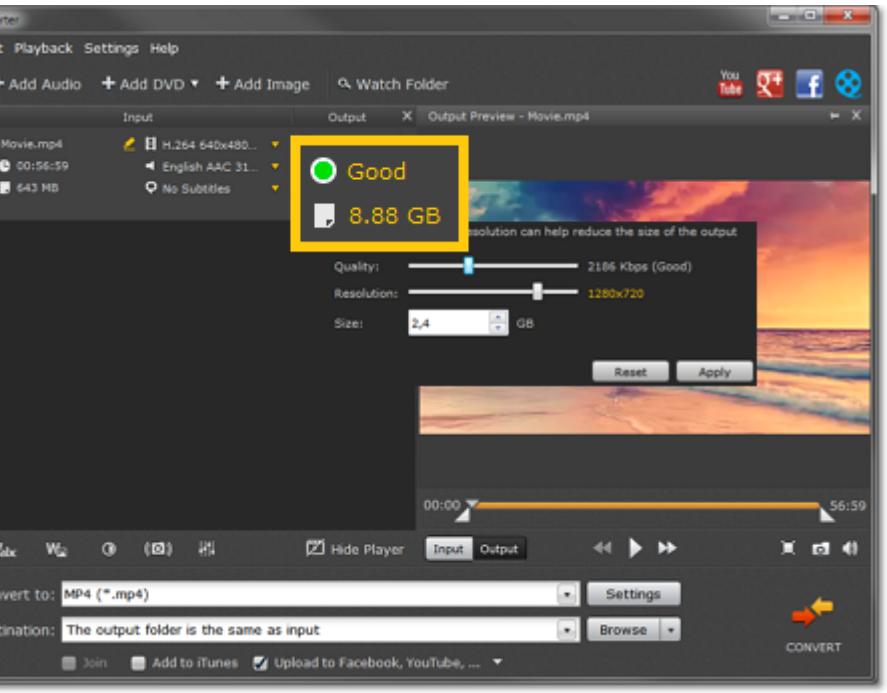
Step 1: Add files

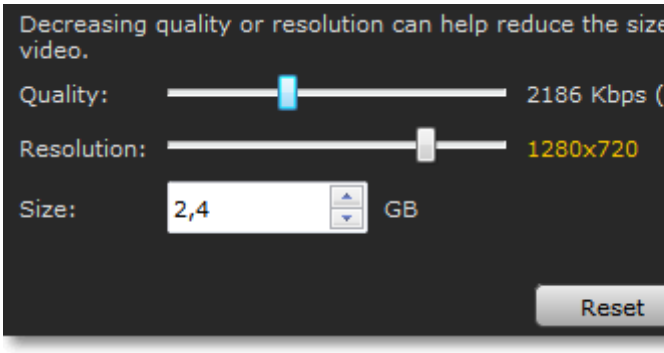
Open the files you want to compress and choose the format you want to convert them to.
Learn how to select a format

Step 2: Reduce quality

Slightly reducing the video's bitrate can make the video file size much smaller, without visibly affecting its quality.

1. Click the output file size in the file list. You will see the size and quality options for this file.
2. To reduce the file size, you can lower the file's bitrate (quality) or its resolution. Even a small change in quality or resolution can save a lot of disk space without making the video look worse. If you need the video to fit within a certain size, enter that into the **Size** box, but check the **Quality** reading before continuing to make sure it is not too low.
3. Click **Apply** to accept the changes.
4. You may want to check that the output video still looks good. Click the **Output** button under the player to see a preview of how the video will look after conversion. Then click the **Full Screen** button to view the preview full screen, and look for any video artefacts that may have appeared if you've set the quality too low.





Hints & Tips:

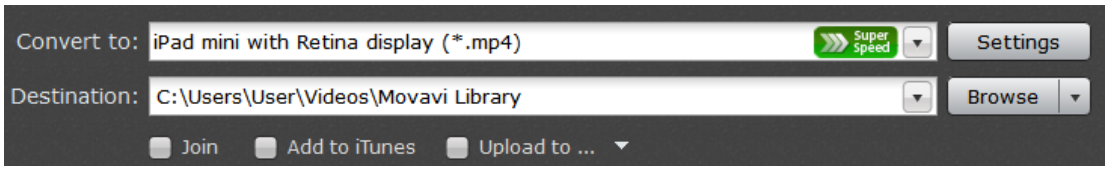
- Use a preset with the H.264 codec for the best size-to-quality ratio.
- Choose a smaller resolution
- Trim the video and save only the best parts

Step 3: Compress video

Check the video quality in the preview player, then click **Convert** to start processing the files.

Sharing and exporting

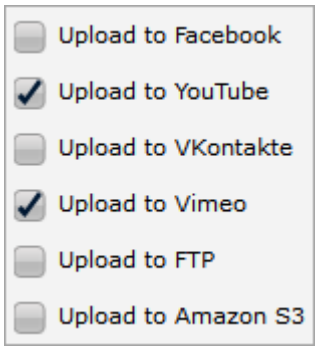
Movavi Video Converter includes various options for sharing your videos with friends, family, or the whole world! You can add your videos to iTunes or upload them to a number of social networks and video hosting sites. What is more, you can do it by simply selecting a checkbox beneath the **Destination** line.



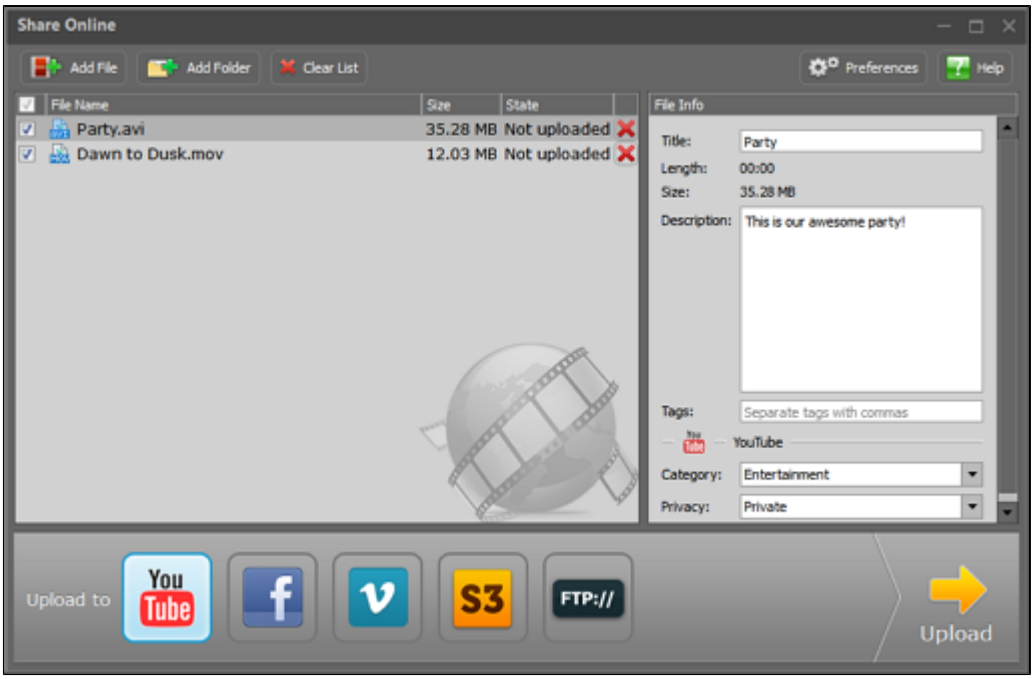
Adding Videos to iTunes:
If you want to add your files to the iTunes media library after conversion for uploading it to mobile devices or storing them in your iCloud, you can easily do so by checking the **Add to iTunes** checkbox. Please note that you will need to have iTunes 6.0 and higher installed on your computer before starting the conversion process.

Uploading Videos to the Web:
*Please note that you will need to have the **Share Online** module installed to use the uploading feature. If **Share Online** is not found on your computer, you will be prompted to download and install it. Don't worry: it's completely free, and it shouldn't take more than a couple minutes! You can always manually download it from our website:* http://www.movavi.com/photo-video-uploader/

Check the **Upload to** checkbox and then click the arrow next to it. You will then see the following pop-up:



Simply put a checkmark next to the websites or services that you want to upload the videos to. Once the conversion process has finished, the **Share Online** module will open, and you will be able to upload your videos. If necessary, add a description, some tags, change the category and privacy settings and you're ready to go! Click **Upload** to start the uploading process.


Share Online
Add File
Add Folder
Clear List
Preferences
Help
File Name
Size
State
Party.avi
35.28 MB
Not uploaded
Dawn to Dusk.mov
12.03 MB
Not uploaded
File Info
Title:
Party
Length:
00:00
Size:
35.28 MB
Description:
This is our awesome party!
Tags:
Separate tags with commas
YouTube
Category:
Entertainment
Privacy:
Private
Upload to
Upload

Take a video snapshot

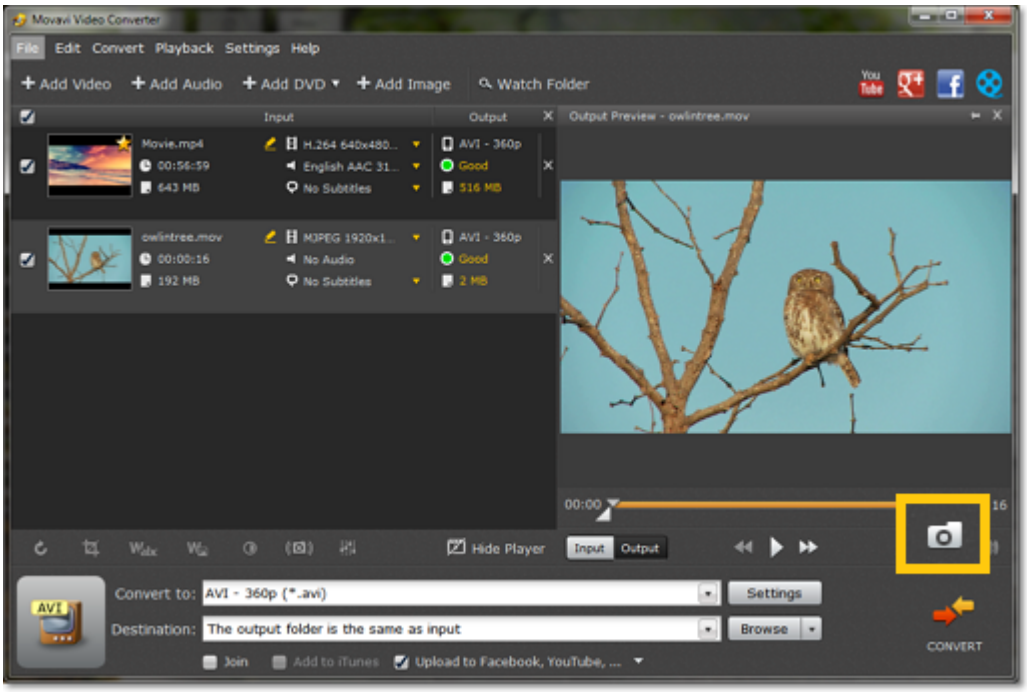
To save a single frame form the video:

1. In the player, move the progress marker onto the moment you want to capture.

2. Under the player, click the Snapshot button.

3. A Explorer window will open. Choose where you want to save the snapshot and click **Save**.

The snapshot will be saved with the original video's size and quality.

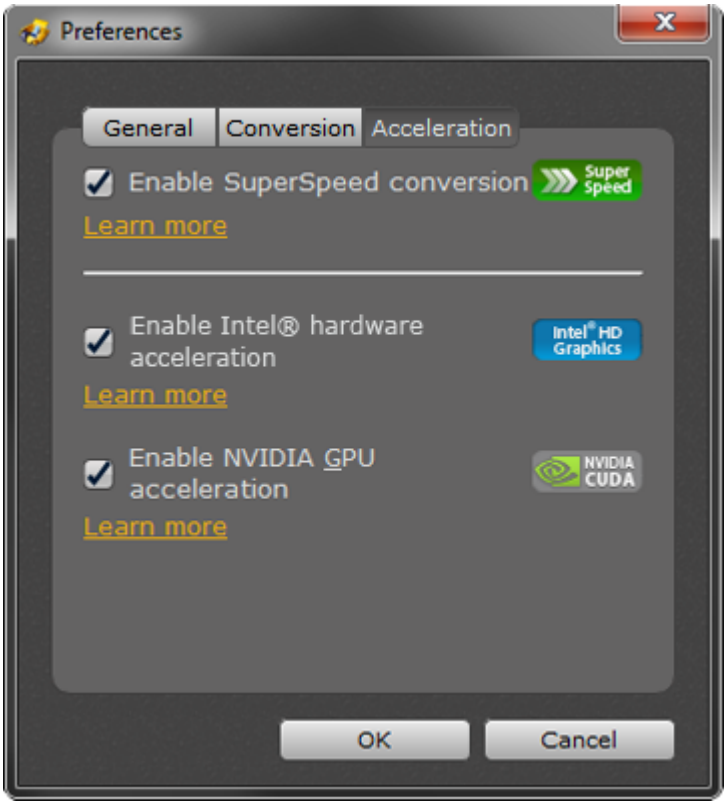


Accelerate conversion

Movavi Video Converter supports the latest Intel® and NVIDIA® hardware acceleration technologies, allowing you to use your computer's full potential for converting videos without hindering performance in other programs. Furthermore, the special SuperSpeed mode allows you to save time when converting videos to formats with compatible codecs, allowing to skip the re-encoding process and convert files up to 79 times faster.

Enabling acceleration:

In the main window of Movavi Video Converter, open the **Settings** menu and select **Preferences.** The Preferences window will appear. Click the **Acceleration** button at the top to switch to the **Acceleration tab**.
Then, simply check the corresponding checkboxes to enable **SuperSpeed** mode, **Intel®**, or **NVIDIA®** hardware acceleration and click **OK** to apply the changes and close the window.



The following sections contain more information on each of the acceleration methods, as well as steps for troubleshooting.

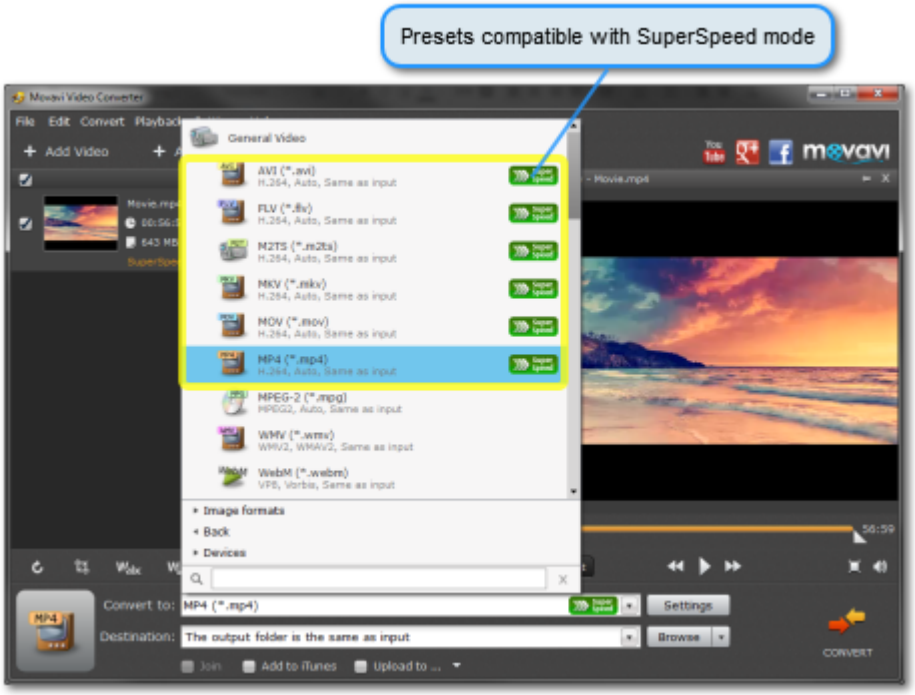
Learn more about SuperSpeed conversion
Learn more about Intel® hardware acceleration
Learn more about NVIDIA® hardware acceleration

SuperSpeed conversion

SuperSpeed conversion is an innovative technology which allows you to convert video and audio files of compatible formats up to 79 times faster than usual without quality loss.

When you convert videos, most of the time is usually devoted to re-encoding the video stream from one codec to another, which often causes quality loss. With SuperSpeed mode enabled, Movavi Video Converter can skip the re-encoding process and simply copy the video stream from one format to another, effectively converting an entire video with the speed of copying and with zero quality loss.

To make the most of SuperSpeed mode, select output presets that are marked with a green SuperSpeed icon (Super Speed). This means that the videos you have added are compatible with the selected format and can be converted much faster.



However, as SuperSpeed conversion does not re-encode video or audio streams, it can only accelerate conversion under the following conditions:

- The codec, resolution, bitrate, and other video parameters remain unchanged
- The video is not rotated or compressed

Therefore, if you change the video resolution or any other parameters, the conversion will run as usual. Don't worry, it's still very fast!

More information:

- Enabling SuperSpeed mode in Preferences
- List of formats compatible with SuperSpeed mode

Compatible Formats

You can use the following table to check whether a particular format can be converted in SuperSpeed mode:

Input formats and codecs	Output formats							Device presets*			
	AVI	FLV	M2TS	MKV	MOV	MP4	MPG	iPad3 iPad 4	iPhone 5S, iPhone 5C, iPhone 4, iPhone 4S	Kindle Fire HDX Kindle Fore HD 8.9" Kindle Fire HD 7" Kindle Fire Tablet	Google Nexus 4 Google Nexus 7 Google Nexus 10
AVI (H.264)	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔
AVI (MPEG-4)	✔					✔					
FLV (H.264)	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔
M2TS (H.264)	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔
M2TS (MPEG-2)			✔				✔				
MKV (H.264)	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔
MOV (H.264)	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔
MP4 (H.264)	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔
MP4 (MPEG-4)	✔					✔					
MPG (MPEG-2)			✔				✔				

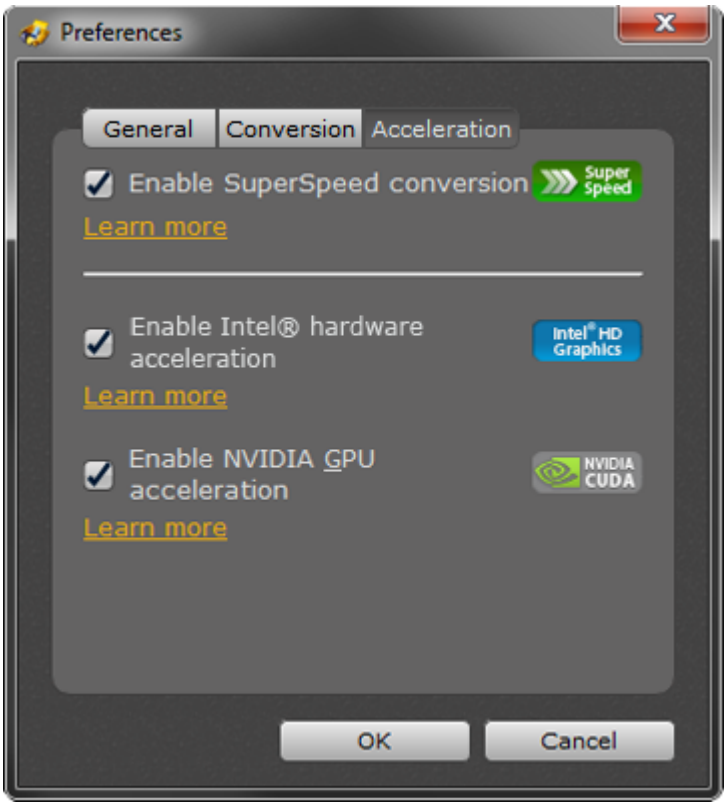
* SuperSpeed conversion to a device preset is available if the input file resolution is no higher than the device resolution: 1280×720 for iPad 3/4, Amazon Kindle and Google Nexus, 1136×640 for iPhone 5/5C/5S, and 960×640 for iPhone 4/4S.

Enabling SuperSpeed Conversion

1. In the main converter window, open the **Settings** menu and click **Preferences** to open the program preferences.

2. In the Preferences window, click the **Acceleration** button to access various acceleration options.

3. Select the very first option: **Enable SuperSpeed conversion**. Click OK to save your preferences and return to the main window.



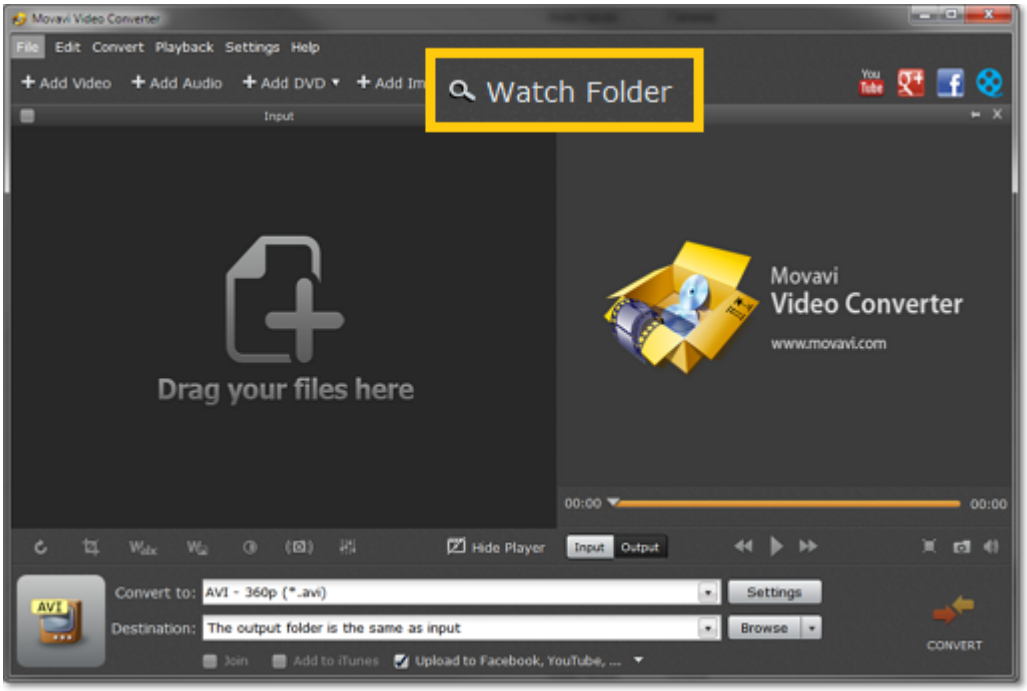
Watch Folder

The Watch Folder option can monitor a folder for changes and convert any new files to the format of your choice. If you frequently convert videos to one format, you will only need to set it up once and then simply take the converted videos whenever you need them.

Setting up automatic conversion:

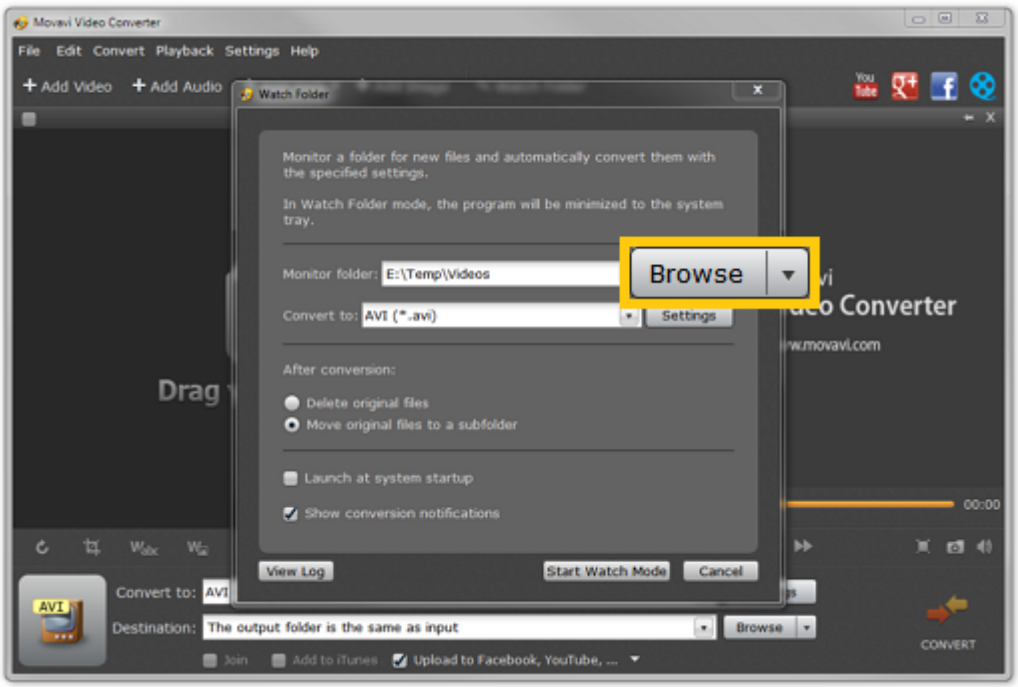
Step 1: Open Watch Folder options

Click the **Watch Folder** button at the top of the window to see folder monitoring options.



Step 2: Choose a folder

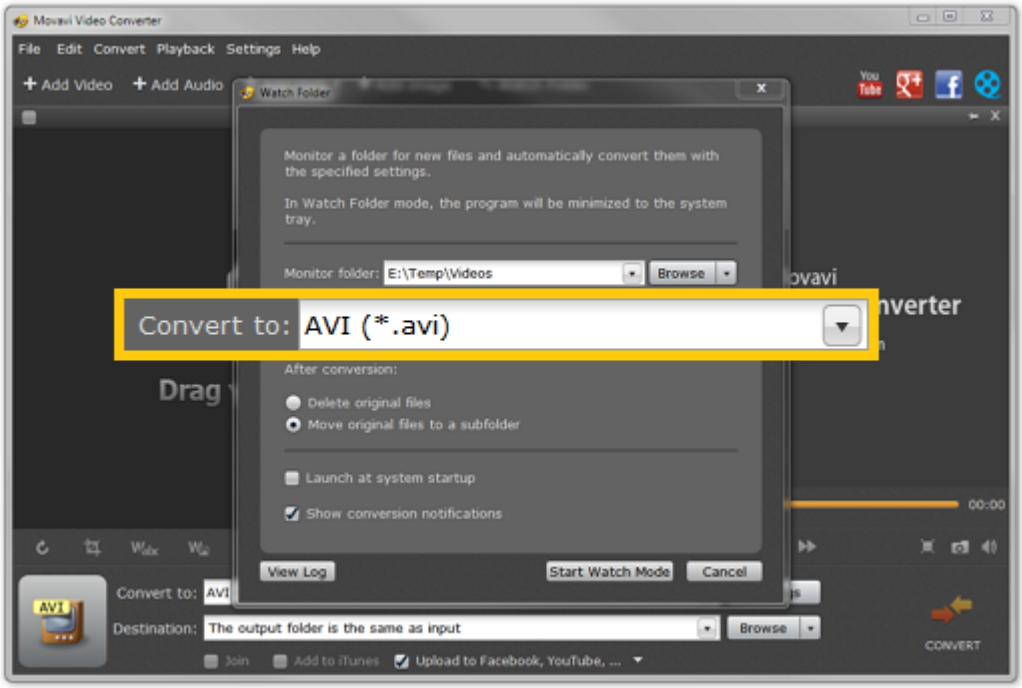
Click the **Browse** button next to the 'Monitor folder' box and choose the folder you want to monitor and convert files from.
For example, this can be your downloads folder if you want to convert any new videos you download.



Step 3: Choose a format

Next, open the '**Convert to**' list in the Watch Folder window and select the preset you want to use for converting *all* of the files in the specified folder.

[Choosing the output format]



Step 4: Set up conversion options

In the **After conversion** option, choose what you want to happen to the original files after they've been converted:

Delete original files: the files will be deleted as soon as they are finished converting.

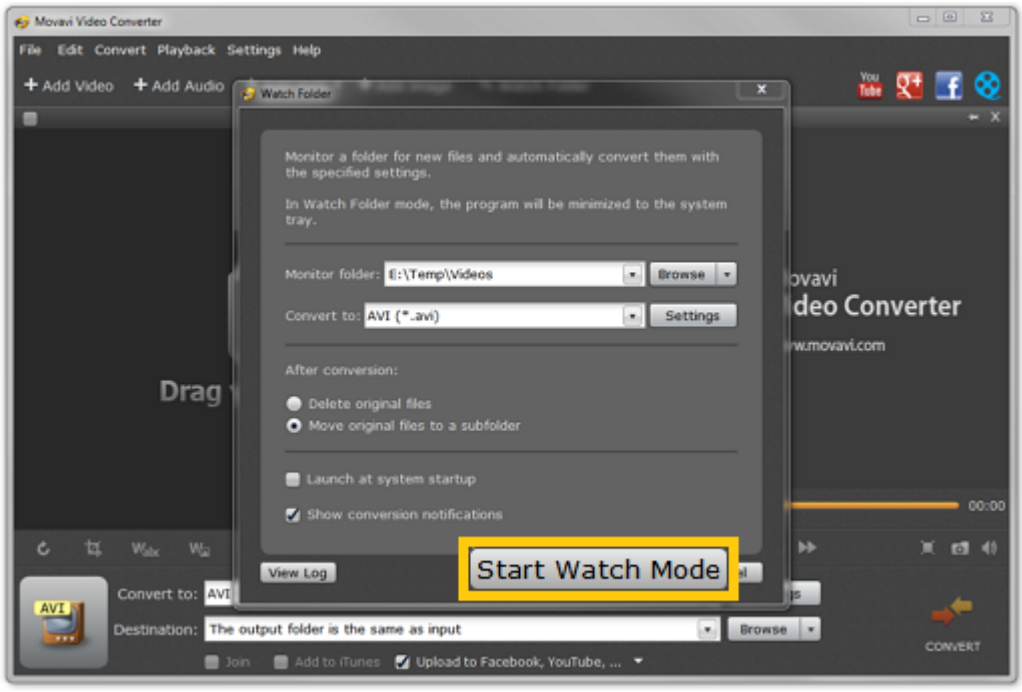
Move original files to a subfolder: the original files will be moved to the 'Originals' folder inside the monitored folder. These files will not be converted a second time.

Launch at system startup: enable this option if you want the folder monitoring to resume after you restart the computer.

Show conversion notifications: select this option if you want to be notified every time a file has finished conversion or if there's an error.

Step 5: Start monitoring

Finally, click **Start Watch Mode** to begin monitoring the selected folder. The Converter window will be minimized to tray and keep working in background mode.



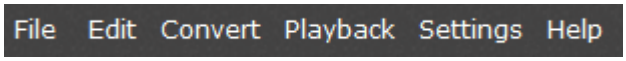
Conversion log:

If you've already used Watch Folder, you can see a detailed list of all conversion events that occurred in Watch Folder mode. To do that, open the Watch Folder window and click **View Log** at the bottom. Here, you can see whether all files were converted correctly.

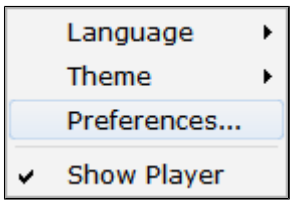
If you want to keep this log as a text file for future reference, click **Save Log** and choose a location for saving the log file. To delete all previous entries, click **Clear Log**.

Movavi Video Converter Settings and Preferences

The application settings for Movavi Video Converter are accessible via the **Settings** Menu category in the Menu bar:



Clicking the **Settings** Menu category will display the following options:



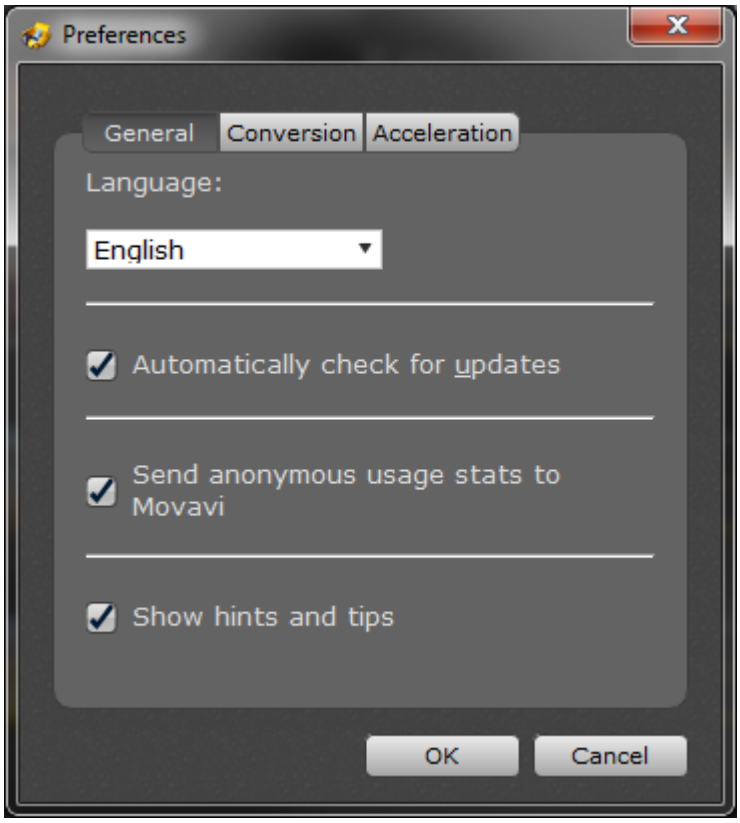
- **Language** – this menu item expands into a list of languages: clicking one of them will change the program's interface language.
    - **More Languages** – this item leads to a webpage where you can download additional language packs or request support for new languages.
- **Theme** – expand the list and select one of the available themes to change the visual appearance of the Converter interface.
- **Preferences** – opens the Preferences window. The various preferences are organized into three tabs, which are described below.
- **Show Player** – toggles the player visibility. You can also enable and disable the player using the dedicated button beneath the **File List**.

I. General Preferences

☑ Check the **Automatically check for updates** box to make sure your Video Converter is always up-to-date.

☑ **Send anonymous usage stats to Movavi** – checking this box will allow Movavi Video Converter to send usage statistics to our development team, enabling us to fix any bugs you may encounter much faster, as well as add new features that you might be missing. The data sent by Movavi Video Converter contains no personal information, will not be disclosed to third parties and will be used for software improvement purposes only. You can find more information about usage statistics on our Movavi Improvement Program page.

☑ **Show hints and tips** – toggles whether the program will display help pop-ups. You can also check **Don't show this message again** on any pop-up to turn it off.



II. Conversion Preferences

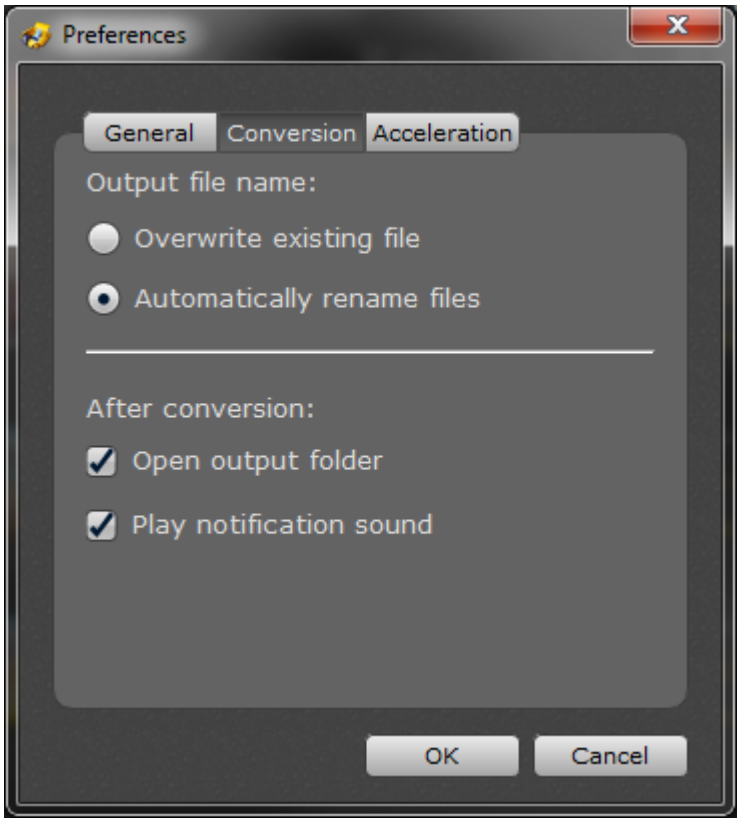
Output file name – determines the course of action if the output folder already contains a file with the specified name when a new file is being placed into the folder during conversion:

- **Overwrite existing file** - the old file will be permanently replaced with the newly converted file.
- **Automatically rename files** - new files will be automatically renamed, and both files will be preserved.

After conversion:

☑ **Open output folder** - if this option is enabled, the folder containing your newly converted files will be opened automatically as soon as the conversion process is finished.

☑ **Play notification sound** - if this option is enabled, the program will notify you when it has finished converting your files.



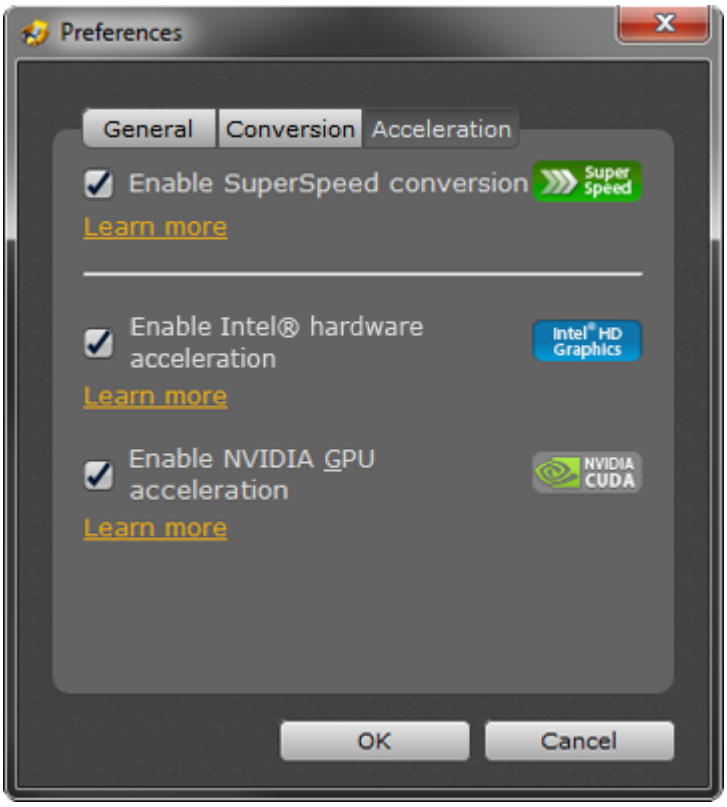
III. Acceleration Preferences

In the **Acceleration** tab, you can enable or disable various acceleration options. You can find out more about each acceleration method in the Accelerating Conversion section.

Enable SuperSpeed conversion: check this option to enjoy unmatched conversion speeds for compatible formats.

Enable Intel hardware acceleration: this option allows you to employ your Intel multi-core processor's full potential when converting media files.

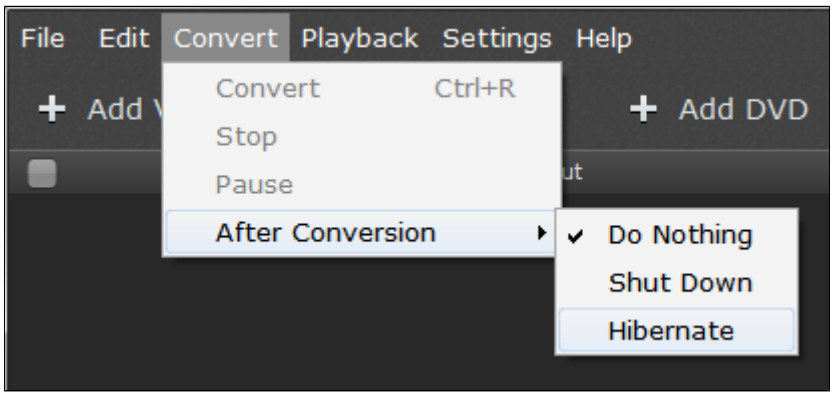
Enable NVIDIA GPU acceleration: this option allows Movavi Video Converter to shift video processing to your CUDA-enabled NVIDIA Graphics Card, freeing up the CPU for use by other processes.



Please note that Intel® and NVIDIA™ acceleration options will be disabled if your computer is not equipped with the compatible hardware.

Energy-saving options

If you are running a batch conversion for very large files, the process may take a while even on fast computers. The energy-saving options allow you to shut down or hibernate your computer after it is done converting the files.



1. Open the **Convert** menu
2. Go to the After Conversion section
3. Select **Shut Down** or **Hibernate**.

If you change your mind, you will be able to disable shutdown or hibernation during conversion.
Please note that if you use any of the energy-saving options, iTunes and web uploading will be temporarily disabled. The next time you launch Movavi Video Converter, the energy-saving options will be automatically turned off.

Help and Support

If you have any questions or concerns regarding Movavi software, you are welcome to contact our support team. Please describe your problem in as much detail as possible; any screenshots or log files will allow us to help you faster.

You can contact us using:

E-mail: support@movavi.com – guaranteed response in 3 business days
Live Chat – available 12 A.M. — 6 P.M. GMT \ 4 P.M. — 10 A.M. PST

Our support team specialists may ask you for additional information that is required to solve your problem: these may include your license key, log files, screenshots, and files you were working with, but never personal information. We value your privacy!

Frequently asked questions:

How to remove trial restrictions?
Why do my videos have the words "trial version" on them?
What are the system requirements for running Movavi Video Converter?
How to update the graphics card drivers?
What formats does Movavi Video Converter support?

System Requirements

	Minimum system requirements	Recommended configuration
Operating system	Windows XP/Vista/7/8 with latest service packs and patches	
Processor	Dual-core Intel, AMD or compatible processor, 1 GHz	Quad-core processor, 2.2 GHz and above
Graphics	NVIDIA® GeForce™ series 6 or higher AMD Radeon™ R600 or higher graphics card with up-to-date drivers	
Resolution	1024x768, 32-bit color	1280x1024 or higher
RAM	Windows XP, Vista – 512 MB Windows 7, 8 – 1 GB	Windows XP, Vista – 1 GB Windows 7, 8 – 2 GB
Available disk space	400 MB for installation 500 MB for ongoing operations	2 GB
Additional features		Sound card for audio playback Latest version of QuickTime Player for Windows for MOV processing Intel® hardware acceleration requires a compatible Intel processor supporting Intel HD Graphics™ 2nd generation or higher Learn more NVIDIA® hardware acceleration requires a compatible NVIDIA® CUDA™-enabled graphics card Learn more

Administrator permissions are required for installation

Movavi Video Converter may also run on slower machines, however, we cannot guarantee stable performance if the minimum requirements are not met.

Supported Formats

Video Formats	Supported Codecs	
3GPP (.3gp), 3GPP2 (.3g2)	Read / Write	H.263, H.264, MPEG-4
Advanced Streaming Format (.asf)	Read Only	MPEG-4, VC-1, WMV V7
Audio Video Interleave (.avi)	Read / Write	H.264, MPEG-4, MJPEG
	Read Only	DivX, Xvid, DV, Cinepack, Fraps, TechSmith, Uncompressed
DivX Video (.divx)	Read Only	DivX
DVD – Digital Video Disc	Read Only	MPEG-1, MPEG-2
Flash (.flv)	Read / Write	FLV1, H.264
	Read Only	VP6, H.263, Flash Screen Video
Flash (.swf)	Read / Write	FLV1
	Write Only	MJPEG
HD Video (.m2ts, .mkv, .mov, .mp4, .mpg)	Read / Write	MPEG-2, MPEG-4, H.264, WMV V8
HD Video (.m2t, .mts, .ts, .wmv)	Read Only	MPEG-2, MPEG-4, H.264, AVCHD, WMV 9, WMV 9 Advanced profile
Matroska (.mkv)	Read / Write	H.264, MPEG-4, MJPEG, Theora
	Read Only	DV, Uncompressed
MPEG Transport Stream (.m2ts)	Read / Write	MPEG-2, H.264
MPEG Transport Stream (.ts, .mts, .m2t)	Read Only	MPEG-2, H.264
MPEG (.mpg, .vob)	Read / Write	MPEG-1, MPEG-2
MPEG (.mpeg, .mpe, .m1v, .dat, .mod, .tod, .vro	Read Only	MPEG-1, MPEG-2, H.264
MPEG-4 (.mp4)	Read / Write	MPEG-4, H.264
	Read Only	H.263, MJPEG, ProRes
MPEG-4 (.m4v)	Read Only	MPEG-4, H.264, H.263, MJPEG, ProRes
MXF – Material eXchange Format (.mxf)	Read Only	MPEG-2, DV
OGV – Ogg Video (.ogv)	Read / Write	Theora
	Read Only	MPEG-4
QuickTime (.mov)	Read / Write	H.264, MPEG-4
	Read Only	AIC, MJPEG, ProRes, Sorenson 1/3, PNG
QuickTime (.qt)	Read Only	H.264, MPEG-4, AIC, MJPEG, ProRes, Sorenson 1/3
RM – RealMedia (.rm, .rmvb)	Read Only	Real Video 2/3/4, Cooker
WebM (.webm)	Read / Write	VP8, VP9, Vorbis
	Read Only	VP7
WMV – Windows Media Video (.wmv)	Read / Write	WMV V8
	Read Only	WMV V7, WMV 9, WMV 9 Screen, WMV 9 Advanced profile, MPEG-4, WMV 9.1 Image V2
WTV – Windows Recorded TV Show (.wtv)	Read Only	H.264, MPEG-2

Audio Formats	Supported Codecs	
AAC – Advanced Audio Coding (.aac)	Read / Write	AAC

AIFF – Audio Interchange File Format (.aif,.aiff)	Read Only	Uncompressed
APE – Monkey's Audio (.ape)	Read Only	Monkey's Audio
Au (.au, .snd)	Read Only	PCM
FLAC – Free Lossless Audio Codec (.flac)	Read / Write	FLAC
MP3 – MPEG-1/2 Audio Layer III (.mp3)	Read / Write	MP3
MPEG-4 (.m4a, .m4b)	Read / Write	AAC, ALAC
	Read Only	**AAC**, PCM
OGG – Ogg Audio (.ogg)	Read / Write	Vorbis
WAV – Waveform Audio File Format (.wav)	Read / Write	PCM
	Read Only	AAC, MP3
WMA – Windows Media Audio (.wma)	Read / Write	WMA 9
	Read Only	WMA Pro, WMA Voice
Image Formats	**Supported Codecs**	
BMP (.bmp)	Read / Write	BMP
DPX (.dpx)	Read Only	DPX
GIF (.gif)	Read / Write	GIF
JPEG (.jpg)	Read / Write	MJPEG
JPEG (.jpeg, .jpg, .jp2, .jls)	Read Only	MJPEG, JPEG2000, JPEGLS
Netpbm formats (.pgm, .pbm, .ppm, .pam)	Read Only	PGM, PBM, PPM, PAM, PGMYUV
PCX (.pcx)	Read Only	PCX
PNG (.png)	Read / Write	PNG
PTX (.ptx)	Read Only	PTX
SGI (.sgi)	Read Only	SGI
TARGA (.tga)	Read Only	TARGA
TIFF (.tiff)	Read / Write	TIFF
XBM (.xbm)	Read Only	XBM
XWD (.xwd)	Read Only	XWD

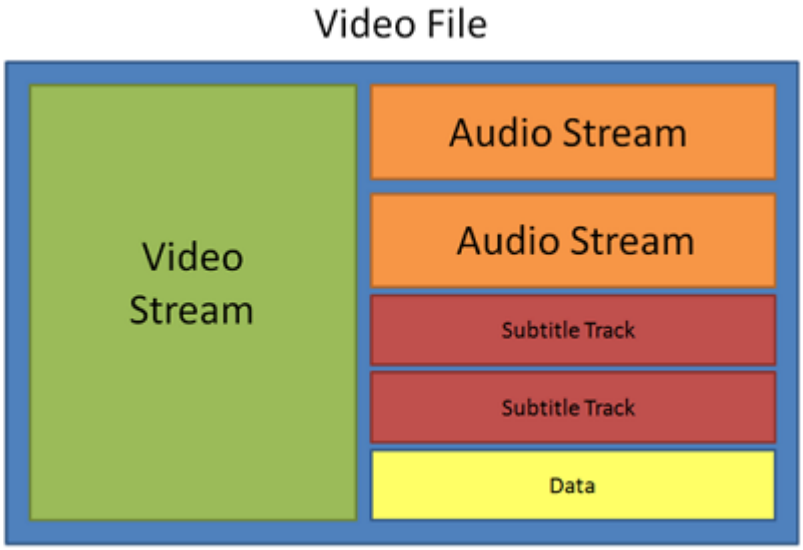
You can view the list of supported devices here.

Glossary

General

Container Format (Video Format)

A container format is a file format for storing video or audio files that *contains* video and audio data in separate streams, as well as any other associated data, such as subtitle tracks and additional data about the file. You can think of a container format as a box that holds together all the parts that make up a video file, as illustrated below. The container format is what you usually see when you work with video files: you can judge which format your video is in by the file extension: *.mp4 corresponds to MP4 format, *.mkv to Matroska format, etc.



Codec

While a video file contains video and audio streams, these streams are in turn *encoded* using a video or audio codec that compresses the data. You can think of a codec as a language: to play a video encoded with a certain codec, your player needs to be able to 'understand' how it was encoded, so that it can *decode* or decipher the file. If your computer does not know how to decode a new codec, you can fix this by converting the file to a different format or by installing a codec pack. However, please keep in mind that a lot of malware programs disguise themselves as codec packs; you should only download codec packs directly from codec manufacturers or from trusted sources.

Bitrate

When referring to media, bitrate is the number of bits that is played back each second. The higher the bitrate, the more details that can be conveyed with each second of the video or audio stream, and therefore, the higher the quality. There are two types of bitrate: constant bitrate (CBR) and variable bitrate (VBR). Videos with **constant bitrate**, as you can probably guess from the name, have the same bitrate for each and every frame of the video, no matter the complexity of the frame: simple frames, for example, those completely filled with black, have the same number of bits as complex, colorful frames. This has a number of limitations, since the simple frames take up more bits than needed to convey them, while complex frames are limited in quality. With **variable bitrate**, however, each frame is allotted only as many bits as it needs, without limiting quality or wasting data. In most cases, we recommend that you use variable bitrate, however, you CBR is sometimes useful for streaming media.

Frame Rate

The frame rate, or frames per second (FPS) is the number of video frames that is contained in a second of video. At low frame rates, you may notice that the video is 'jittery', while higher frame rates produce a smooth high-quality video. Shooting videos at high frame rates (48 or 60 FPS) requires more resources and disc space, but you can easily slow down a high-FPS video to produce a slow-motion effect without producing visual stutter. The industry standard for cinema frame rate is 24 or 25 frames per second, which is perceived as comfortable to the human eye.

Resolution (Frame Size)

Resolution is the number of pixels that can fit inside the video frame. It is usually presented as "width x height" of the frame, for example, 1280x720 or 1920x1080. Sometimes, resolutions may also be referred to as "720p" or "1080p", by the number of pixels in a frame vertically. At high resolutions, each frame is conveyed using more pixels, therefore allowing for more detail and higher quality, though taking up more disc space. Whenever you convert a video to a lower resolution, you irretrievably lose some data, but if you convert a low-resolution video to HD, the quality will stay the same. If you need to do so, however, we recommend that you use *Upscale SD, DVD to HD* presets in Movavi Video Converter, as they use an algorythm that slightly improves video quality when converting to larger resolutions.

Aspect Ratio
A video's aspect ratio is the ratio of a video's width to its height in pixels. The two most frequently used aspect ratios are 4:3 and 16:9. The former is used by most analog television broadcasts, while the latter, also referred to as widescreen – in films, DVDs, and modern HD video. When the aspect ratios of your screen and a video do not match, you may notice black bars on two sides of the video. You can change a video's aspect ratio when you convert videos.

Sample Rate
Sample rate, measured in Hertz, determines how many samples of digital audio are recorded each second. Higher sample rates allow to record higher quality audio, although the files will take up slightly more space. The recommended sample rate is 44100 Hz, which is the standard for audio CDs, delivering sound that covers the full range of human hearing. To reduce file size, you can convert audio with lower sample rates, as low as 22 kHz, but keep in mind the quality deterioration.

Video Formats
Audio Video Interleaved – AVI (*.avi)
AVI is a multimedia container format created by Microsoft in the early 1990s. AVI supports multiple video and audio codecs and can contain up to 16 audio and 16 subtitle tracks. While support for AVI is widespread on all operating systems, it is steadily being replaced by more efficient formats.

DivX (*.divx)
DivX is a proprietary video format developed by DivX, Inc. Using its own codec, DivX allows for high compression rates while retaining high quality. Sometimes the DivX codec is also used to encode video in AVI files. DivX is not supported by many media players, and requires a codec pack to play, but you can convert DivX files into AVI or other formats using Movavi Video Converter.

QuickTime – MOV (*.mov)
Developed by Apple, QuickTime is natively supported on Macs and iOS devices, so if you need to be sure that your video can be played on a Mac, converting it to MOV would be a good idea. To play MOV files on Windows, you can either download and install the QuickTime player from Apple's official website, or view it using Movavi 3D Media Player.

Other
Interlaced Video, Deinterlacing Video
Video interlacing is a method used in traditional analogue video broadcasting that arose due to the limitations of early television. Each frame of the video is split into half-frames, each frame containing even and odd rows consecutively. This allows to broadcast at double the frame rate, producing a seemingly smoother video stream, while the eye does not notice the missing rows. However, on digital displays, interlaced video may produce visible defects in the form of horizontal lines. Deinterlacing helps remove these defects using algorythms by merging the two half-frames into one. Movavi Video Converter automatically deinterlaces output videos, and you can use the Deinterlace effect if you are editing analogue video in Movavi Video Editor.

Preset
A preset is a pre-made configuration that contains all the necessary properties to convert a video file, including format, codec, resolution, and others.

Updating Graphics Card Drivers

If you encounter an error message asking you to update your graphics drivers, you will need to download a new driver from your graphics card manufacturer's website and install it on your system. Some graphics card drivers also have a useful utility that notifies you when a driver update is available and updates the driver automatically. Keeping your graphics card drivers up-to-date will ensure stable performance of applications and games on your computer.

Step 1: Find your graphics card manufacturer

1. Right-click your desktop and choose Screen Resolution
2. In the Screen Resolution settings window, click Advanced settings.
3. This will open your graphics card properties. At the top of the window, your graphics card model will be listed under the Adapter Type section. Note the full name of the graphics card somewhere for later.

Step 2: Download the new version

Now that you've learned your graphics card manufacturer and model, go to the manufacturer's website and find driver downloads. There, look for the model or series that you've found earlier and download the driver installation file. Some manufacturers may also offer a utility that will automatically find the necessary driver.

> **Warning:**
> Only download drivers from the official manufacturer's website. Third-party websites offering driver downloads may contain malware.

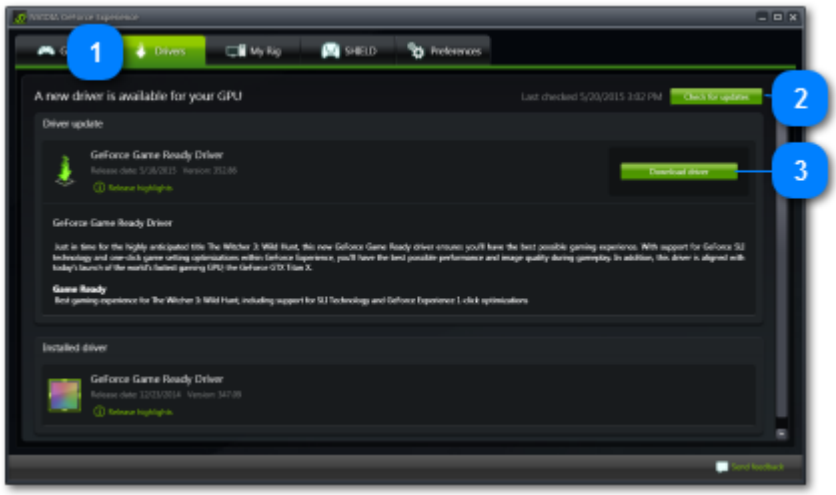
Step 3: Install driver

Once the file is completely downloaded, run the installation file and follow the onscreen instructions to install the driver on your system. Your display may blink several times in the process. After the installation has finished, it is advised that you restart the computer.

Updating NVIDIA® Driver

Modern NVIDIA graphics cards come with a special application called **NVIDIA GeForce™ Experience** that monitors driver updates and allows you to optimize your computer's graphics performance.

1. Open the **NVIDIA GeForce Experience** application. It should already be installed on your system. If you cannot find the application, please try the method above.
2. In the **Drivers** section, click the **Check for updates** button to find the latest drivers.
3. When the application has found a newer driver, click the **Download driver** button. From here, the software will automatically download and install the necessary driver for your system.



Updating AMD® or ATI® Driver

1. If you have an AMD or ATI graphics card, go to the Driver Download Center on AMD's official website.
AMD Driver Download Center

2. Download the auto detect utility and run it when the download has finished.
Auto Detect Utility

3. The utility will then automatically find your graphics card and help you download and install the right driver for your system.

If the utility fails to find a driver for you, you can manually select your graphics card model and operating system on the Driver Downloads page and download the driver.

4. After the driver has downloaded, run the installation file and follow the on-screen instructions to install it.

5. After the driver has been installed, it is recommended that you restart your computer.

If none of the above steps have helped, feel free to contact our support team via e-mail or live chat.
support@movavi.com
Live Chat

If possible, please include the name of your graphics card model (see Step 1), as well as screenshots of any error messages you have encountered. This will help our support team specialists solve your problem quicker.

Intel® Hardware acceleration

Movavi Video Converter is optimized for use with the latest multi-core processors. The improved conversion engine is built to effectively handle batch conversion tasks by simultaneously converting multiple files at once using the power of each core. If your computer is equipped with an Intel® multi-core processor, you can significantly cut down conversion times and improve your computer's performance while converting media by enabling Intel® hardware acceleration in Movavi Video Converter.

Intel® Core™ processors are equipped with a special Intel® HD Graphics chip that can be used for media decoding and encoding by Movavi Video Converter. With Intel® acceleration enabled, Movavi Video Converter can convert media streams up to 3.5 times faster by shifting some of the workload from the CPU, allowing for up to 400% faster conversion, while freeing up the processor for other tasks.

Compatible video codecs:

Intel® hardware acceleration is available when converting videos to H.264 and MPEG-4 codecs. Aside from general video formats, this will also improve conversion speeds when ripping DVDs or preparing videos for Apple iPod, iPad, iPhone, and other mobile devices. When you select a conversion preset, Movavi Video Converter will mark presets that support Intel® acceleration with a blue Intel® HD Graphics icon:

Compatible processors:

Intel® hardware acceleration is available on Intel® Core™ i3, i5, and i7 processor series.

Troubleshooting:

Can't enable Intel® hardware acceleration

If the Intel® hardware acceleration option in Movavi Video Converter preferences is unavailable:

- Check that your processor is compatible with Intel® hardware acceleration. To do that, open the **Control Panel**, go to **System and Maintenance**, and choose **System**. Find the processor information and make sure that you have an i3, i5, or i7 Intel® processor.
- Update the Intel processor drivers. You can find the newest version at Intel's official website here. We recommend only downloading drivers and other software from trusted sources.
- In order for the graphics acceleration to work properly, there needs to be a monitor connected to the graphics card port. Connect the monitor and make sure it is functioning properly, then try enabling Intel® hardware acceleration again.

I'm having problems while converting using Intel® hardware acceleration

If the video conversion process is taking longer than expected, or there are defects in the output video file, try updating the processor drivers. You can find the newest version at Intel's official website here. Also, try converting the video file with one of the standard presets. If the situation does not improve, feel free to contact our support team at support@movavi.com or try our live chat to get a quicker answer.

NVIDIA® Hardware acceleration

Many computers today not only have advanced multi-core processors, but are also equipped with cutting-edge multi-core graphics cards that can process video and audio streams just as effectively as many CPUs. Enabling NVIDIA® GPU acceleration will allow Movavi Video Converter to employ your NVIDIA® graphics card for media processing, increasing conversion speeds.

Compatible formats and codecs

CUDA™ technology accelerates conversion to AVI, MP4, FLV, MKV, MOV, and MPEG-2 TS with the H.264 codec. Presets which support accelerated conversion for the added files will be marked with a green NVIDIA® CUDA™ icon in the preset list:

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Compatible graphics cards

NVIDIA® CUDA™ acceleration supports GeForce, GeForce Mobile, Tesla, Quadro, and Quadro Mobile graphics card series. You can find the full list of supported GPUs on NVIDIA®'s official site.

Troubleshooting

How do I find out which GPU my computer has?

1. Right-click on your desktop and choose **Display Resolution**
2. In the **Display Resolution** window that appears, click **Advanced**. This will open your GPU's properties.
3. In the **Adapter type** section, you can see your GPU's model.

The Enable NVIDIA® GPU Acceleration option is unavailable

If you can't enable NVIDIA® acceleration, try updating your graphics card drivers:
1. Click here to go to NVIDIA's official site where you can download drivers for your GPU. Please only use drivers from your hardware manufacturer: software downloaded from other sources may contain malware.
2. On the driver download page, either enter your GPU model (see above to find out which GPU you have) and operating system, or use NVIDIA® automatic scanner to pick the right driver version. You will be then offered to download and install the drivers.
3. After you've installed the drivers, restart your computer for the changes to take effect and try enabling NVIDIA GPU acceleration in Movavi Video Converter.

I'm having problems while converting videos using NVIDIA GPU acceleration

If the video conversion process is taking longer than expected, or there are defects in the output video file, try updating the graphics card drivers (see above for instructions). Also, try converting the video file with one of the standard presets. If the situation does not improve, feel free to contact our support team at support@movavi.com or try our live chat to get a quicker answer.