

Movavi Video Converter 19



Don't know where to start?

Read these tutorials:

[Converting videos](#)

Change the
video format

[Converting
for devices](#)

Watch videos on your
phone or tablet

[Converting audio](#)

Play any audio
anywhere

More questions?

Write us an e-mail at support@movavi.com

Table of Contents

Quick start guide.....2

Remove trial restrictions.....4

 How to get an activation key5

 Activating Video Converter5

 Activating without Internet access.....6

Converting video8

 Converting for social networks9

 Convert videos for the web10

 Converting DVDs11

 Creating GIFs from videos13

Convert for devices.....14

 Device recognition15

Converting audio.....16

Converting images17

Opening media.....19

Media streams20

 Choosing audio tracks21

 Choosing a subtitle track.....22

 Extract audio from video23

 Extracting subtitles.....24

 Compressing videos25

 Media information26

Choosing output format26

 Devices.....27

 Image formats28

 Audio formats.....29

 Customizing presets29

Renaming files30

Changing output folder31

Sharing and exporting31

Uploading files to iTunes32

Energy-saving options33

Accelerating conversion.....33

 SuperSpeed conversion.....34

 Intel Hardware acceleration.....35

 NVIDIA Hardware acceleration.....35

 AMD Hardware acceleration.....36

Saving a snapshot.....37

Preferences37

 General preferences37

 Conversion preferences.....38

 Acceleration preferences39

Help and support40

 System requirements40

 Supported formats41

 Updating graphics card driver42

 OpenGL Troubleshooting.....43

 Codec activation44

 Glossary44

 How to take a screenshot45

 How to collect logs46

 How to find system information.....46

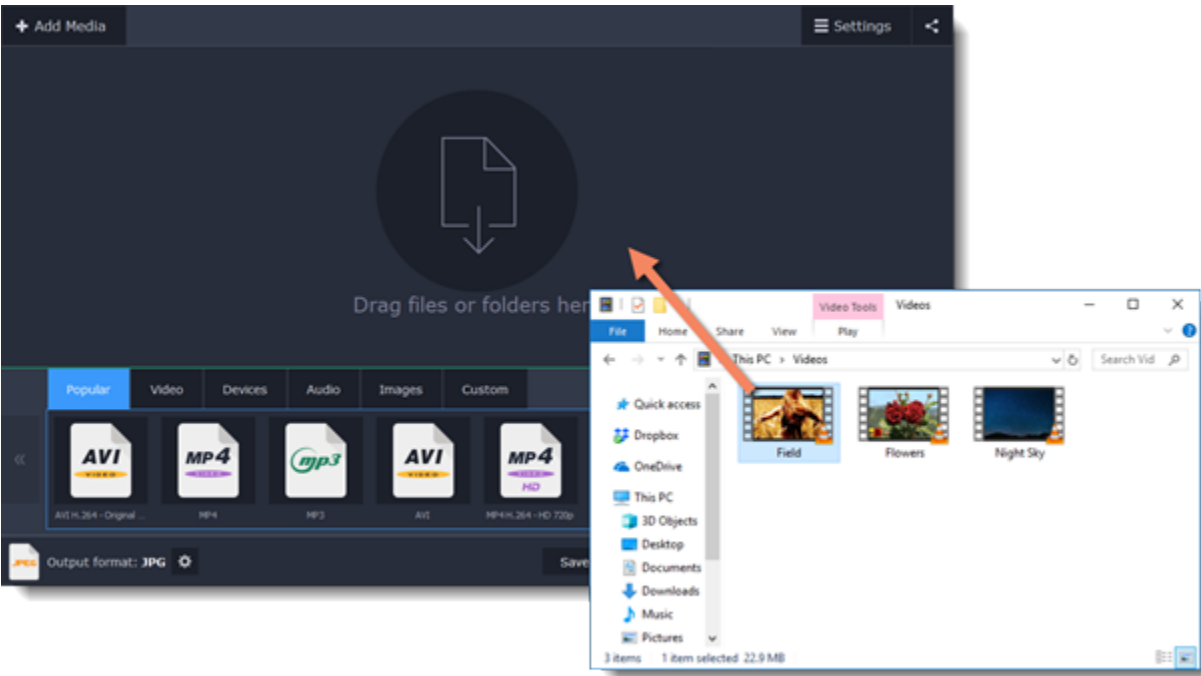
Quick start guide

Converting media files

Step 1: Open media files

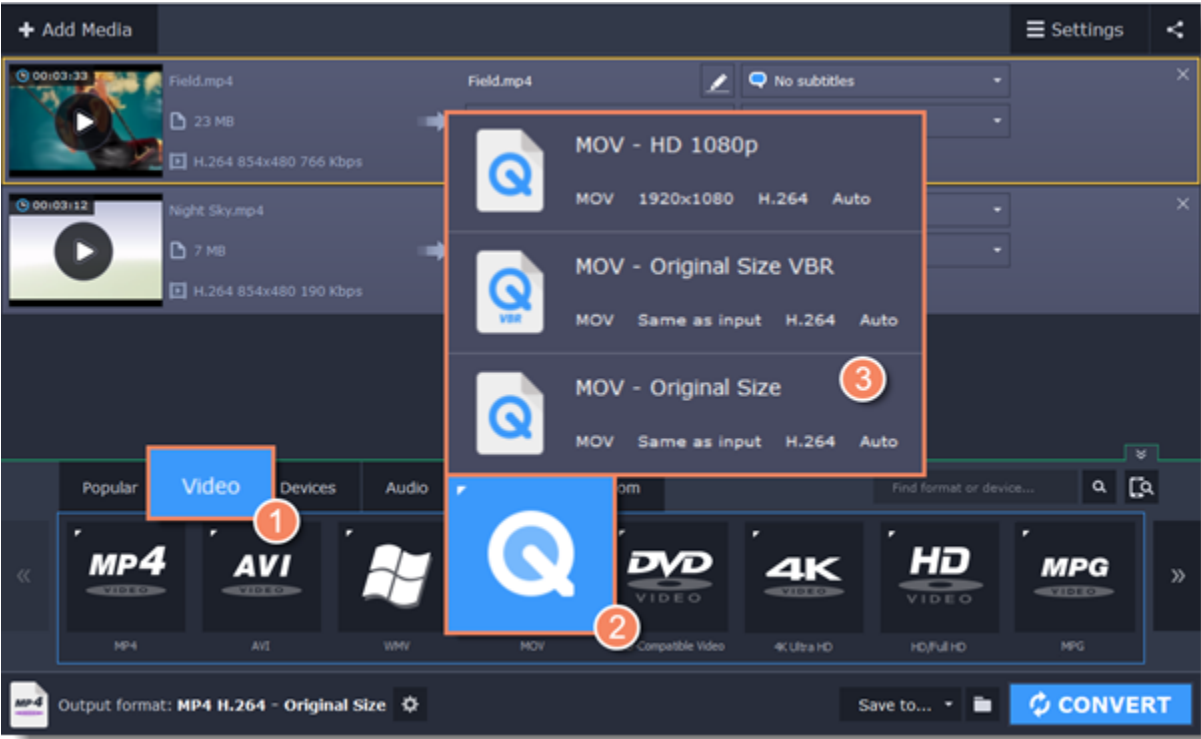
Find the files you want to convert in **File Explorer** and drag them onto the **Movavi Video Converter** window. The files will now be added to the conversion queue.

[Learn about adding media](#)




Step 2: Choose output format

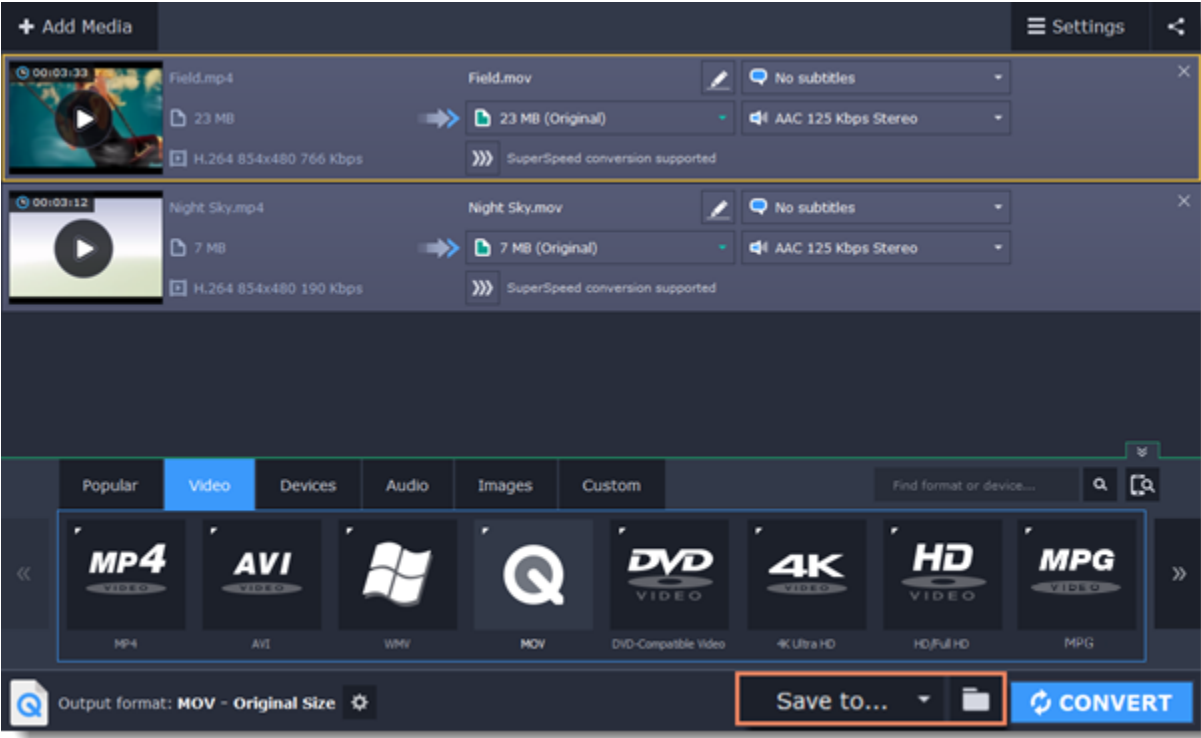
- 1. Click the **Video** tab to show a list of video formats and presets.
 - 2. The video formats are sorted into groups. Click the group with the output format you want to use.
 - 3. A list of presets will appear. Here, you can choose a different resolution for the files, or choose the preset without a specified resolution to convert with the original resolution (for example, "MOV").
- The currently selected output format will be shown at the bottom of the window.



Step 3: Choose output folder

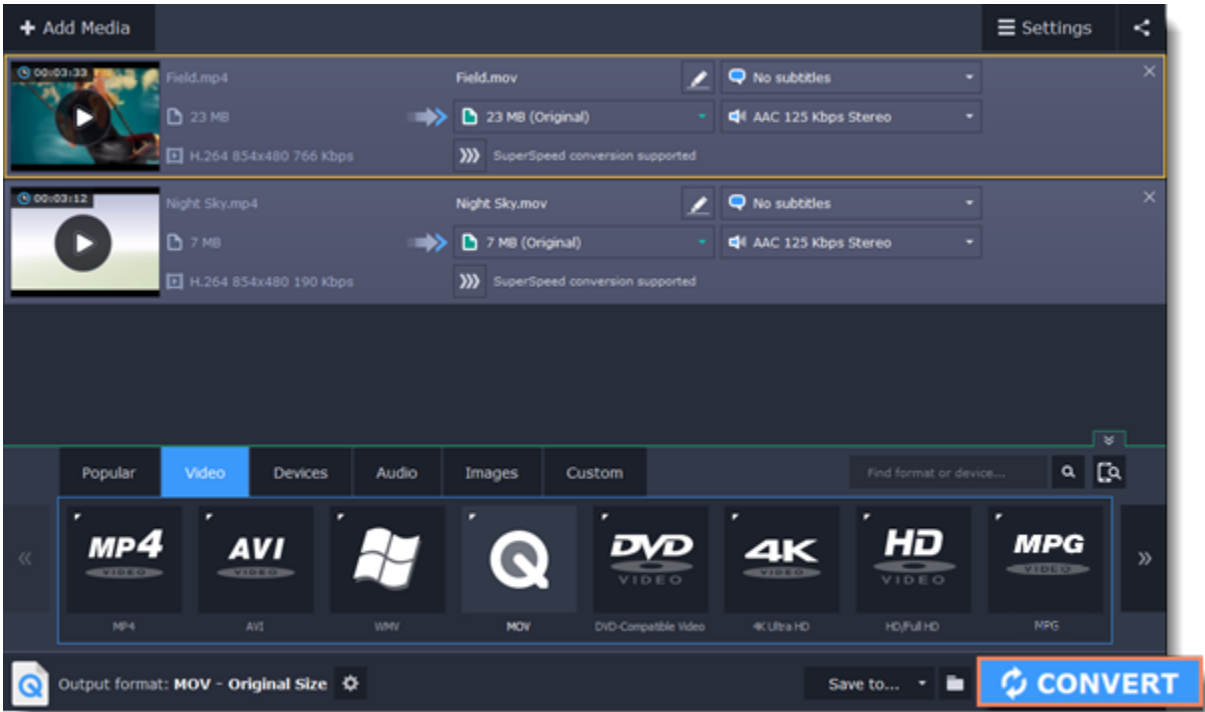
At the bottom of the window, check the **Save to** box to see where the new converted files will be saved. To save them to a different folder, click the folder icon  and choose the new location in the **File Explorer** box.

[Learn more](#)
[Uploading files](#)



Step 4: Convert

Finally, click **CONVERT** in the bottom right-hand corner to start processing the files.



Remove trial restrictions

When you first open your copy of **Movavi Video Converter**, it will be running in **LIMITED TRIAL MODE**. In trial mode, you can try out all of the main features, but the following trial restrictions will apply:

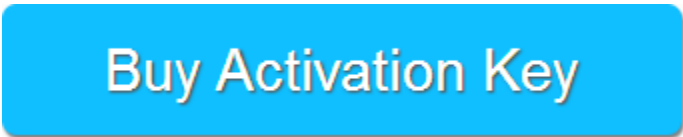
What's the difference between trial mode and the full version?

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

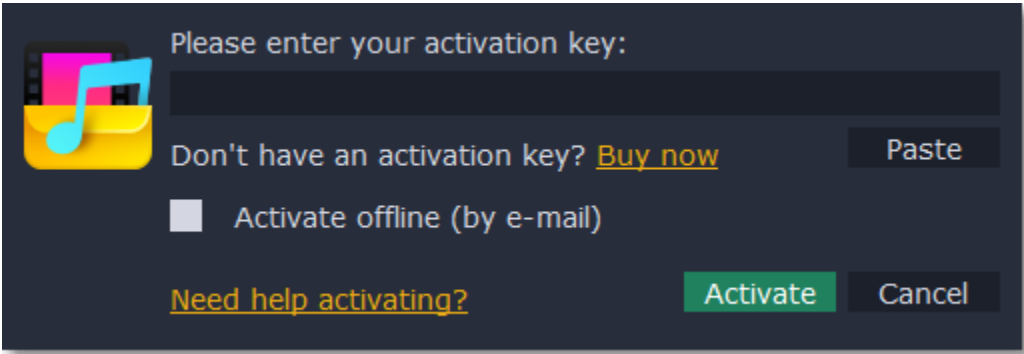
Step 1: Buy activation key

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.



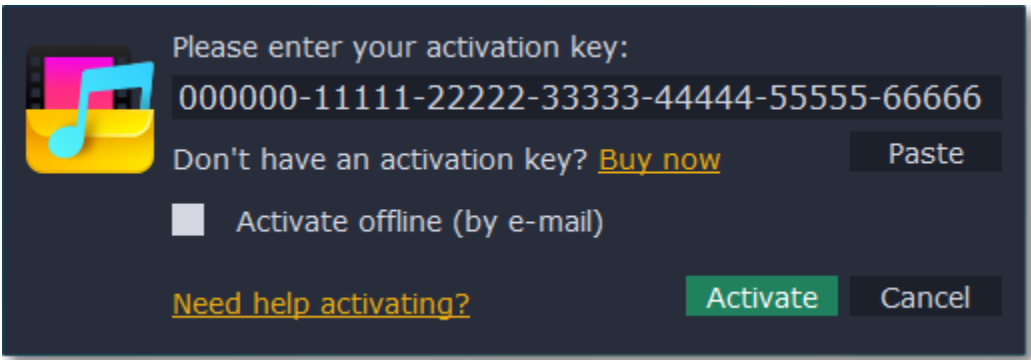
Step 2: Open the activation window

1. Launch **Movavi Video Converter**.
2. Open the **Settings** menu and select **Activate Software**. The activation window will appear.



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

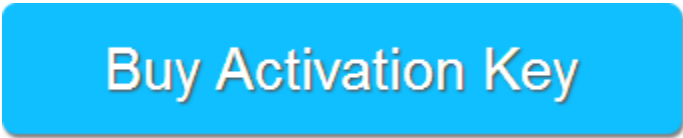
If the computer you have installed **Movavi Video Converter** on is not connected to the Internet, you can activate the program via e-mail. [See detailed instructions](#)

How to get an activation key

You can get an activation key either from our official website or from any of our partners in your region. Follow the steps below to buy an activation key from the Movavi website:

Step 1: Go to the purchase page

- To open the purchase page for **Movavi Video Converter**:
- In the **Settings** menu, choose **Buy Activation Key**, or
 - Follow the link below...



Step 2: Choose a license type

- If you plan to use **Movavi Video Converter** at home, click **Buy Now** on the purchase page to proceed with buying the personal license.
- If you plan to use **Movavi Video Converter** at work, in a government institution, or gain profit in any way, click **Business license** on the purchase page.

After that, you will be redirected to an online store depending on your region and the available payment methods. All of our vendor partners are secure and completely safe.

Step 3: Fill in your billing details

1. Choose any of the available payment methods.
2. Fill in the information required on the page.
3. Enter a valid e-mail address. This e-mail will be used to deliver your activation key.

Step 4: Get your activation key

After the purchase has been verified, you will receive a letter containing your activation key. Now you can use it to activate the program. [Activation instructions](#)
[Activating without Internet access](#)

If you haven't received your activation key within the hour:

- Check the **Spam** folder of your mailbox
- [Contact support](#)

Activating Video Converter

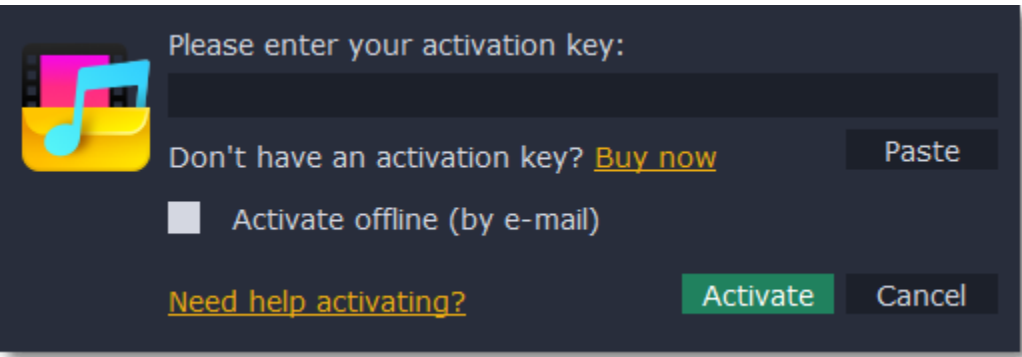
Activating **Movavi Video Converter** will allow you to remove all of the trial restrictions and use the program forever.

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](#)

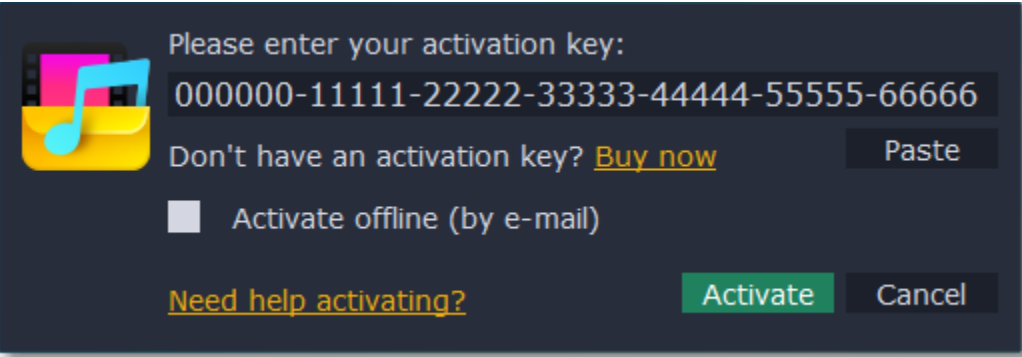
Step 1: Open the activation window

1. Launch **Movavi Video Converter**.
2. Open the **Settings** 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.

Having problems with activation?

- Check that the activation key is entered correctly and is intended for the program you are activating.
- Try [offline activation](#).
- [Contact our support team](#)

Activating without Internet access

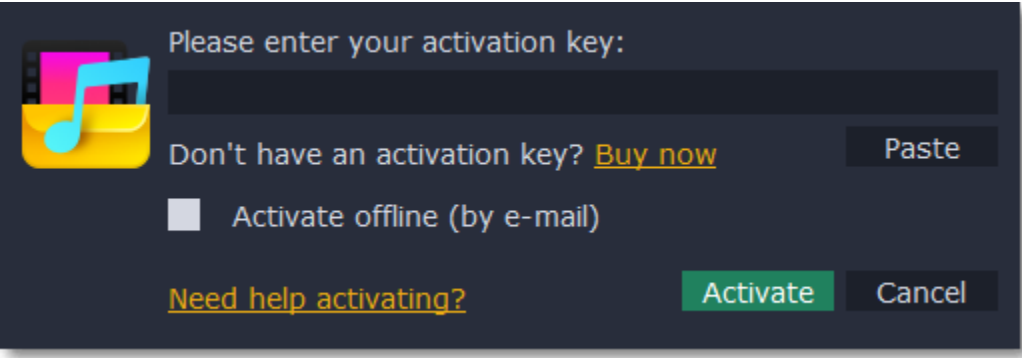
Activating **Movavi Video Converter** will allow you to remove all of the trial restrictions and use the program forever. If you don't have Internet access on your computer, you can use any other computer or mobile device to complete the steps that require a connection.

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

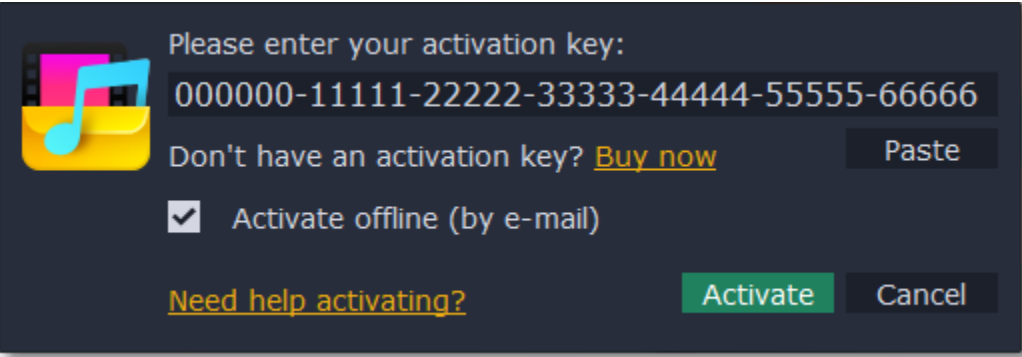
Step 1: Open the activation window

- 1. Launch **Movavi Video Converter**.
- 2. Open the **Settings** menu and select **Activate Software**. The following box will appear:



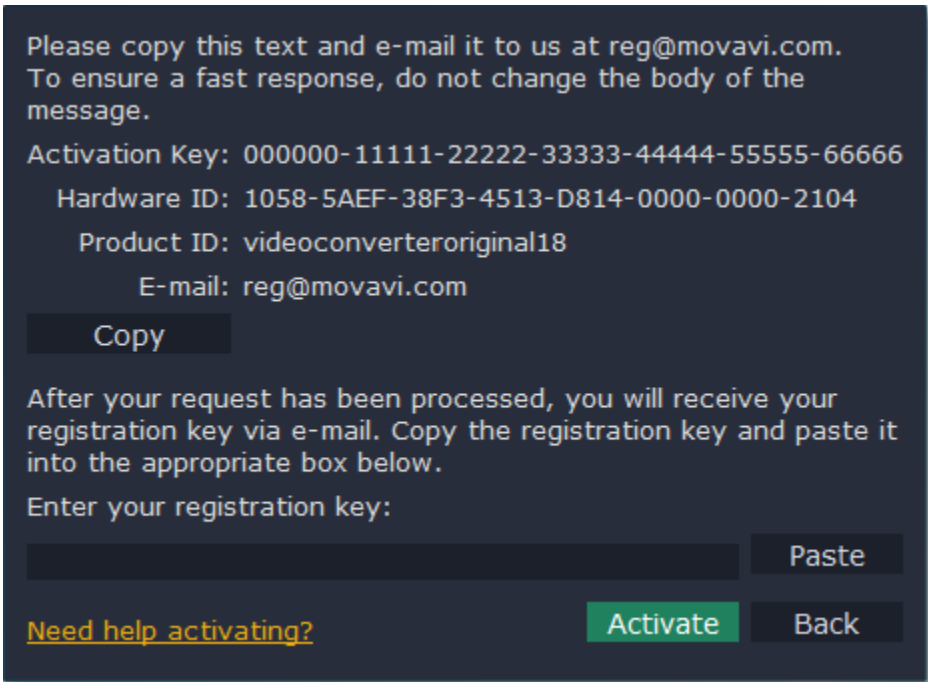
Step 2: Enter your activation key

- 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.

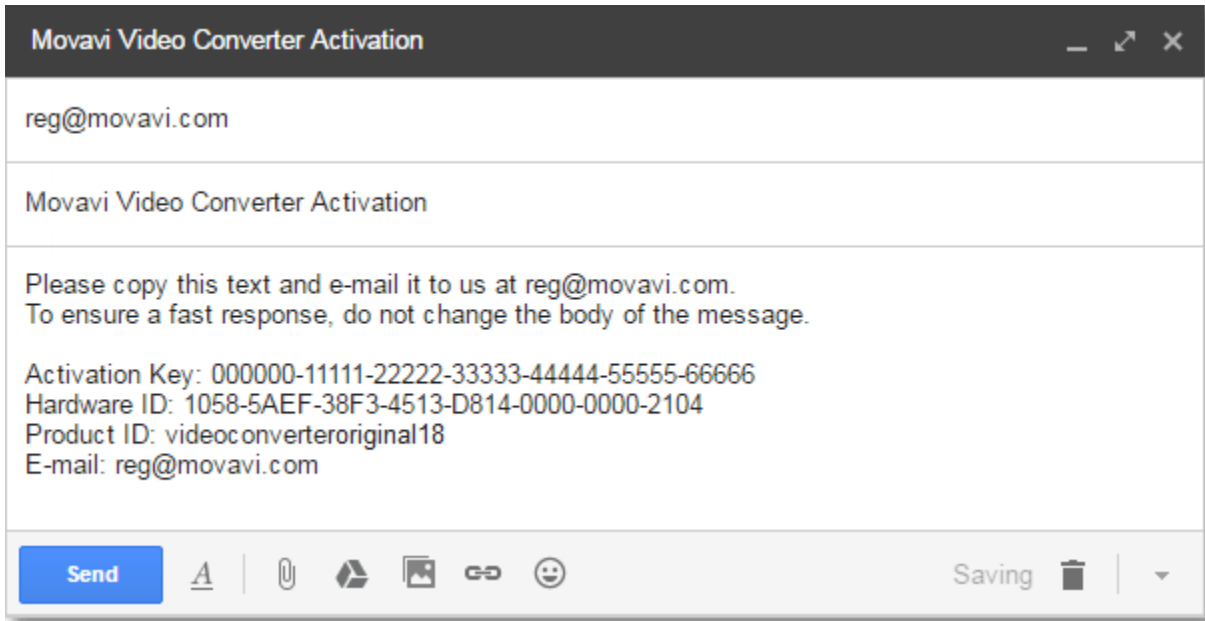


Step 3: Send an e-mail with the provided information

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



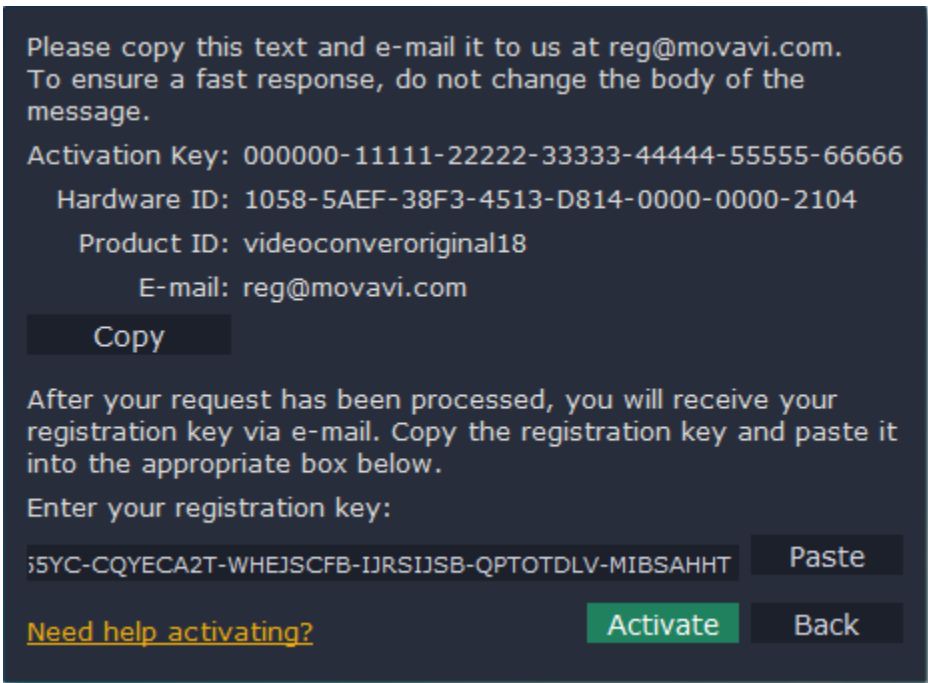
1. Click the Copy button to copy the information in the window. If necessary, save or transfer this information to the computer or device that you will be sending the e-mail from.
2. On the computer with an Internet connection, open your mail client and compose a new e-mail. Paste the information you've 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.



If everything is correct, you will see a successful activation message. 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:

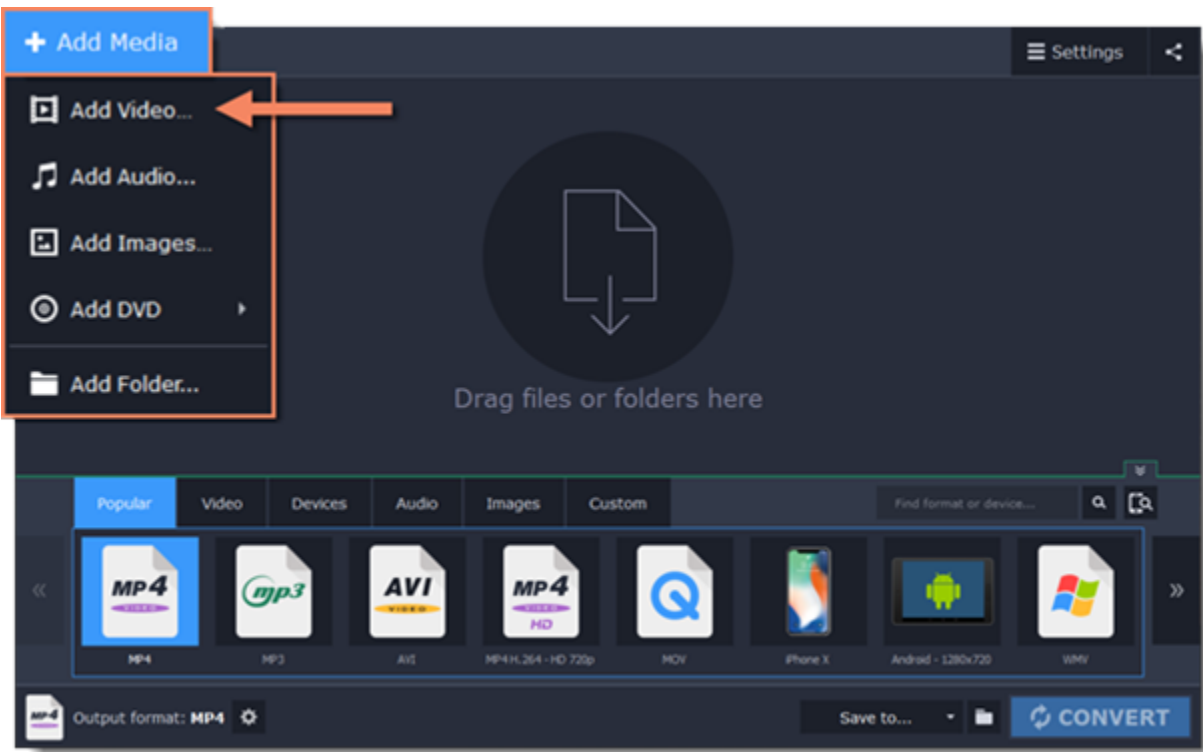
- Make sure you have entered the activation key and the registration key correctly and try again
- Check that you are activating the right application.
- Make sure you have administrator rights on your computer

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](#)

Converting video

Step 1: Open the videos

- Before you start, you will need to open the videos in **Movavi Video Converter**.
1. Click the **Add Media** button at the top and choose **Add Video** from the pop-up menu.
 2. A **File 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.




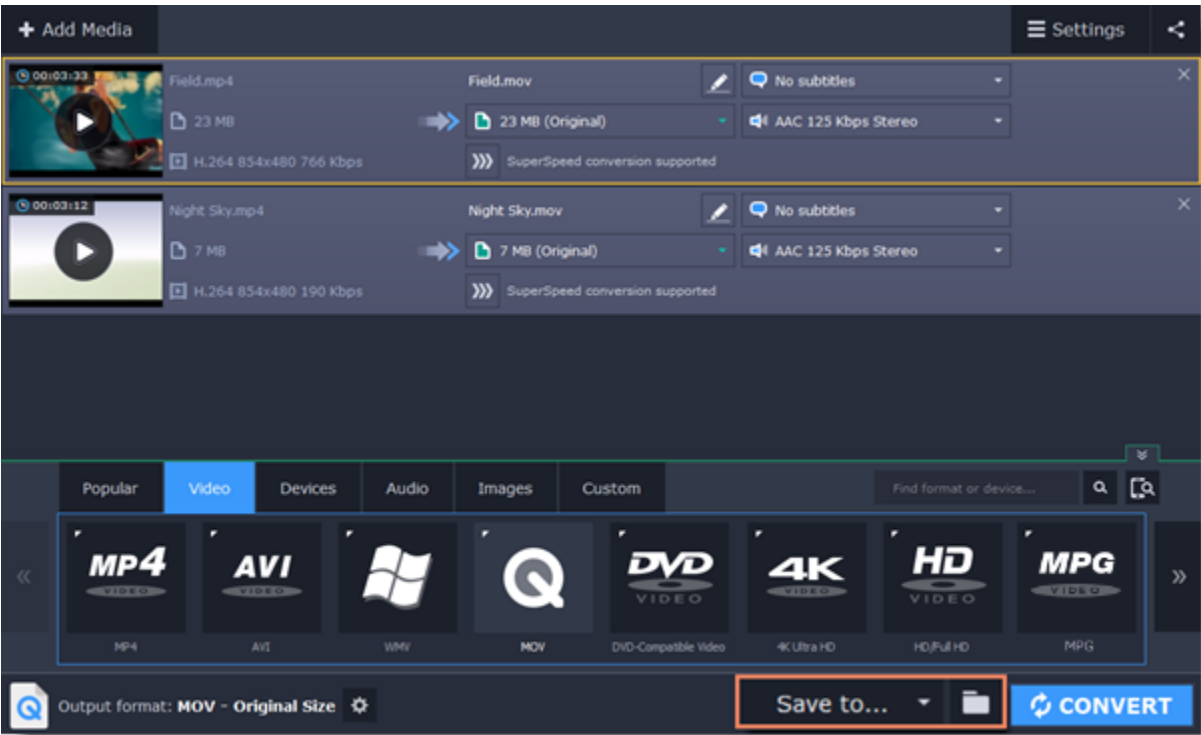
Step 2: Choose output format

- In the lower half of the window, you will find a list of output formats.
1. Click the **Video** tab.
 2. Click the format you want to use. *For example, MOV.*
 3. Choose the preset with the codec and resolution that you want to use. To convert without changing the resolution, click the line marked *'Same as input'*. *For example: "MOV", or "AVI MPEG-4 - Original size"*
- [Customizing presets](#)

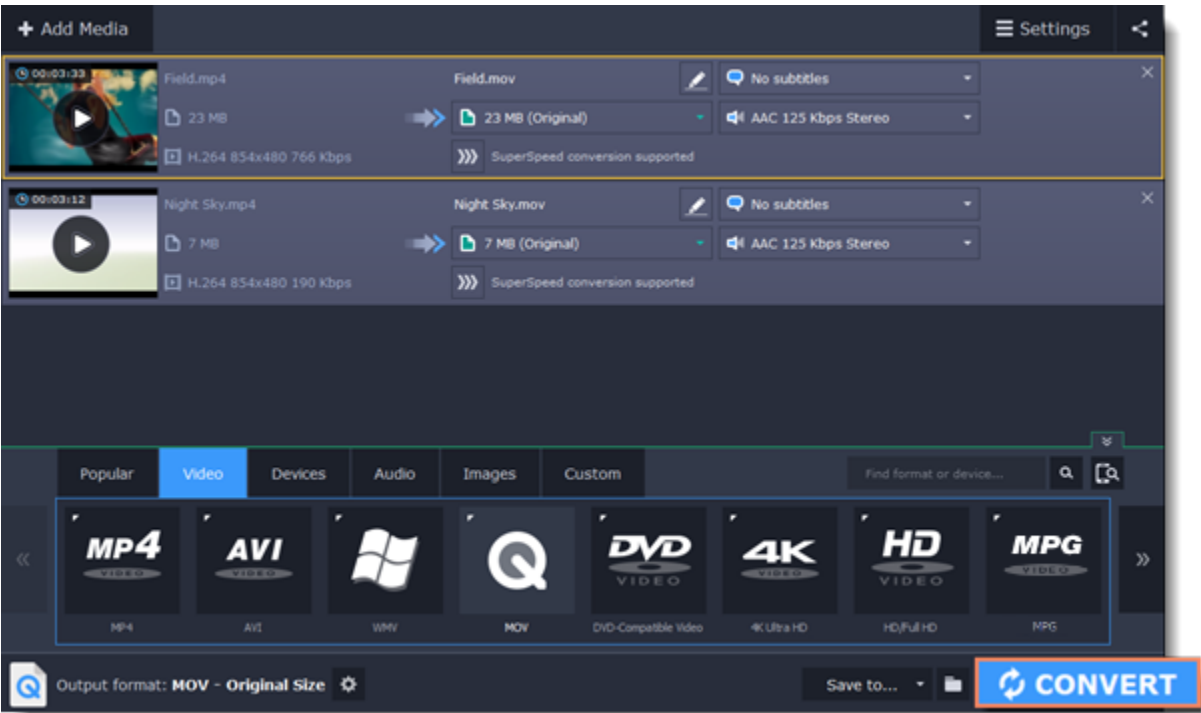


Step 3: Check output folder

- At the bottom of the window, check the **Save to** box. This is where the output files will be saved. To use a different folder, click the folder icon  and select the new output folder.
- [Changing output 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.

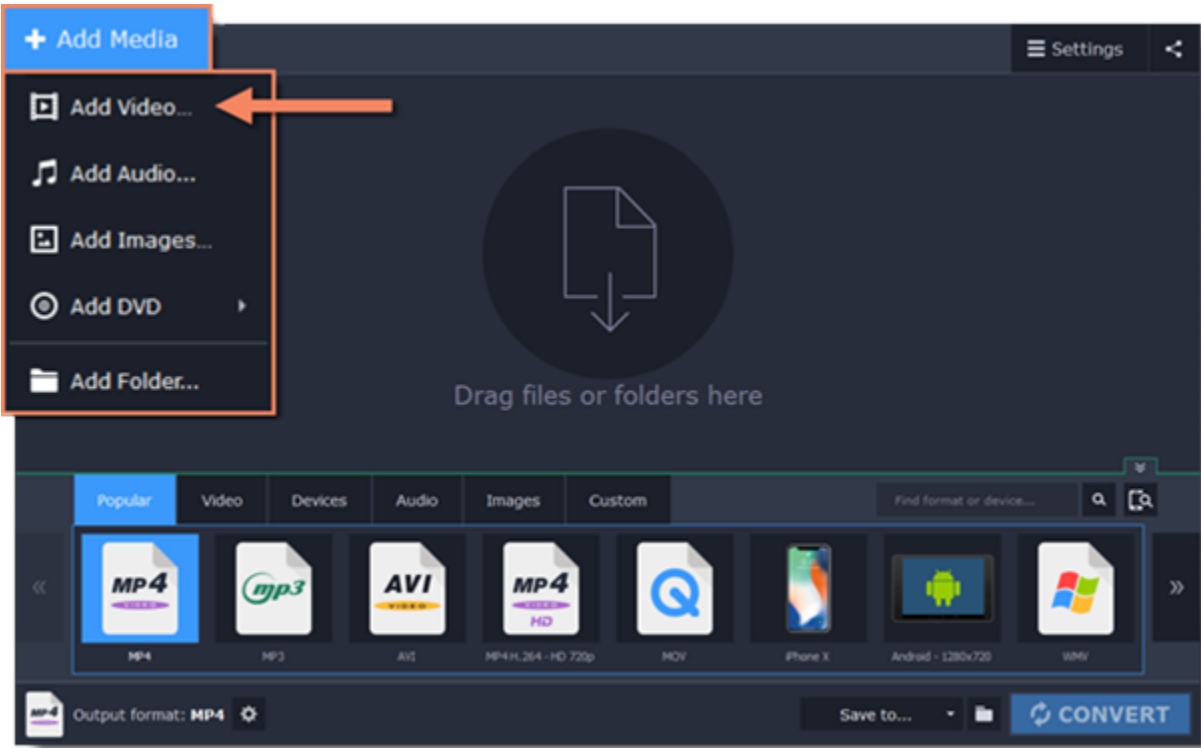


Converting for social networks

Social networks like YouTube or Facebook don't accept all video formats. Follow the steps below to convert your videos to a format compatible with the social networks.

Step 1: Open the videos

1. Click **Add Media** and choose **Add Video** from the pop-up menu.
2. A **File Explorer** window will open. Choose the videos you want to convert and click **Open**. The videos will be added to the file list.



Step 2: Choose a social network preset

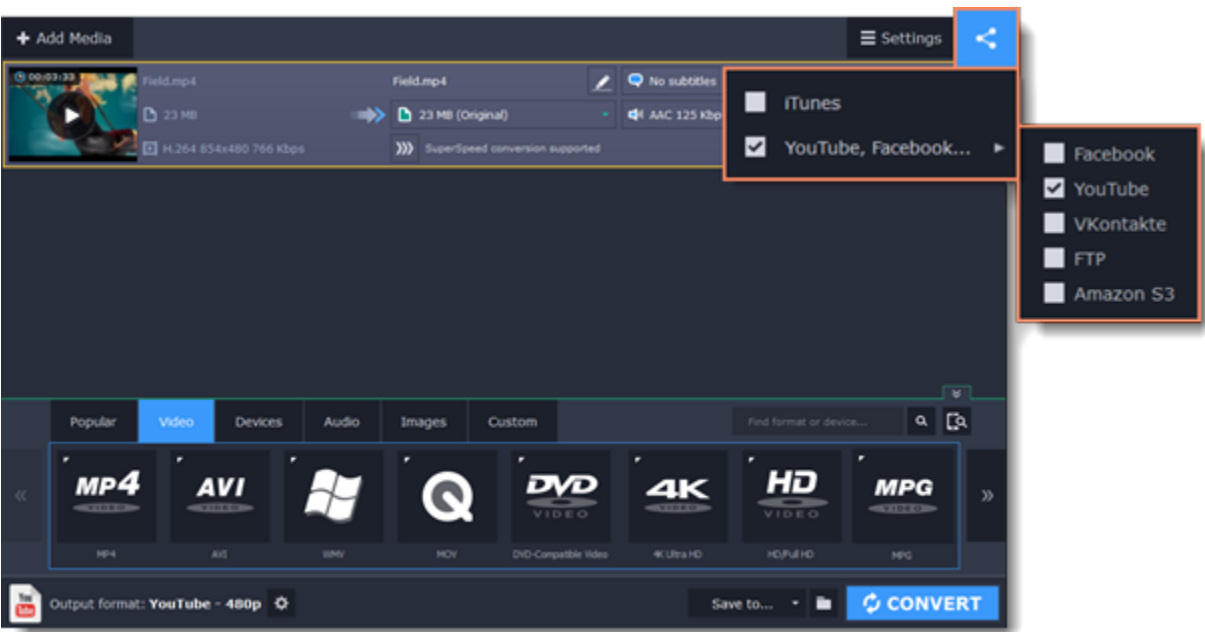
1. In the lower half of the window, click the **Video** tab to show all video formats.
2. Use the arrow on the right to scroll through the list and click the **Online Video** group.

3. Choose the social network and resolution that you want to use. This will set the optimal format and codec settings for uploading to this social network.

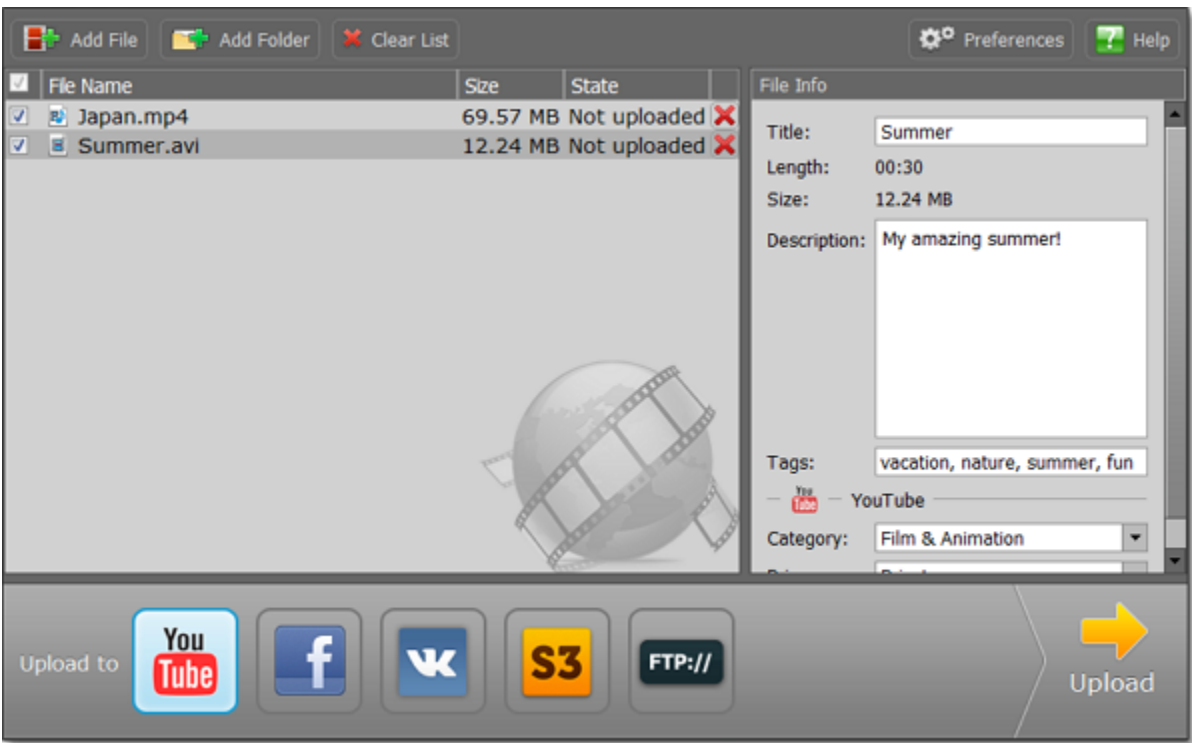


Step 3: Convert and share

- 1. Click the folder icon next to the **Save to** box to choose where the output files will be stored.
- 2. To share the videos right away, click the **Upload to** button and choose the services that you want to upload videos to.
Note: to upload videos, you will need Movavi Share Online, a free add-on that you can use for batch uploading. If Share Online is not installed, you will be prompted to download and install it .



- 3. Finally, click **CONVERT** to start converting the videos.
- 4. If you've selected sharing options, the files will open in **Share Online** as soon as conversion has finished. There, log in to the services, provide a title and description for each video and click **Upload**.



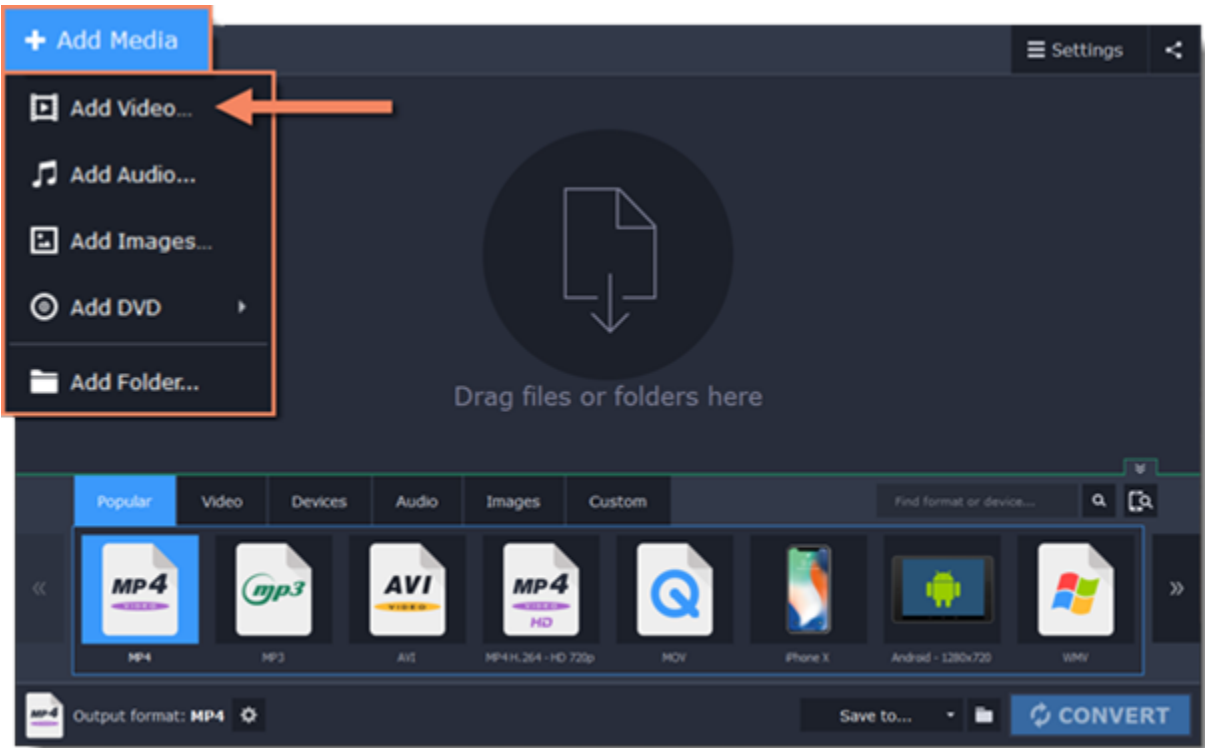
Convert videos for the web

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

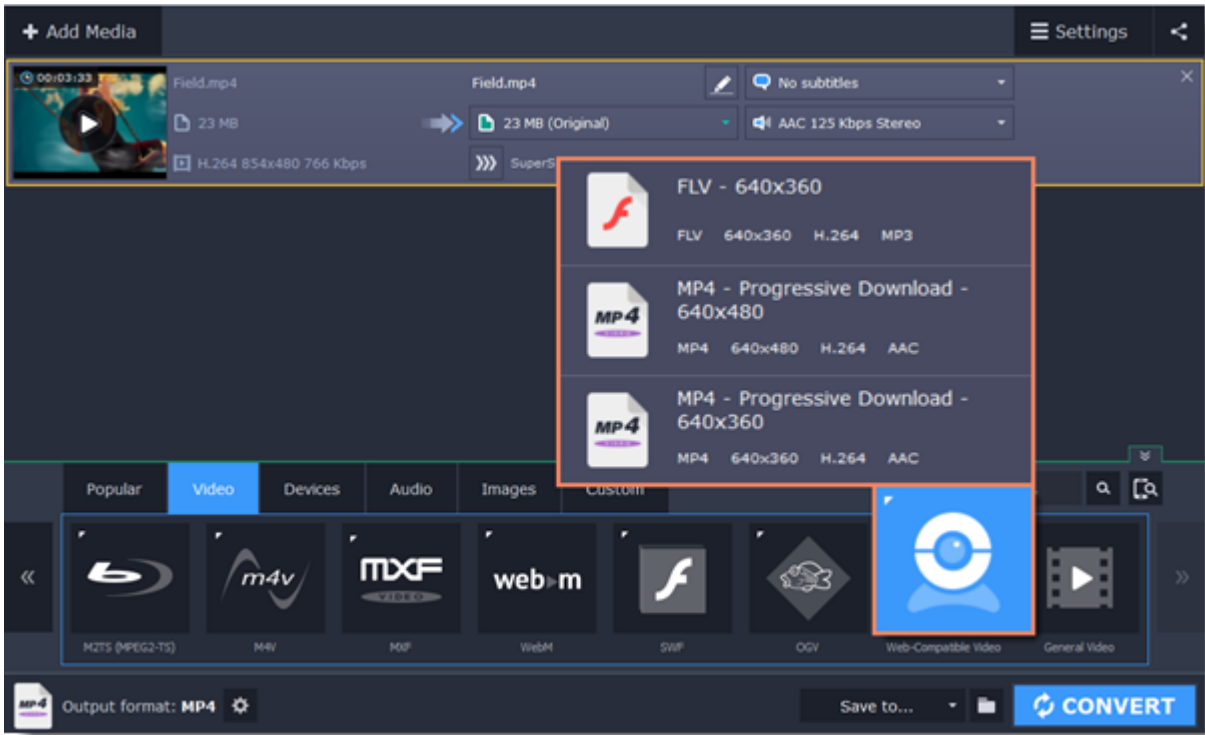
- 1. Click the **Add Media** button and choose **Add Video** from the pop-up list.
- 2. A **File Explorer** box will open. Select the files you want to convert and click **Open**.

[How to open videos](#)




Step 2: Choose a web preset

- 1. Click the **Video** tab for video output formats and presets.
- 2. Use the arrow on the right to scroll through the list and click the **Web-Compatible Video** group.
- 3. In the pop-up list, choose the format and resolution that you want to use.



Step 3: Convert and upload

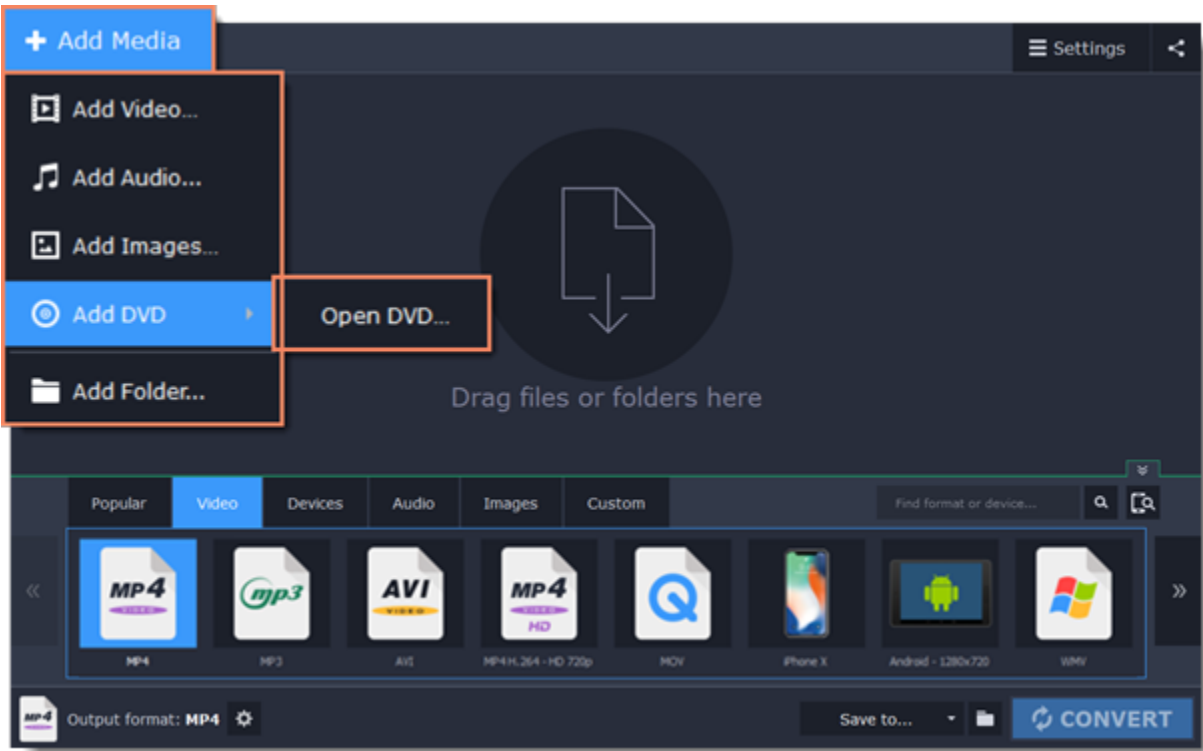
Check the **Save to** box to see where your web-ready files will be saved. To change the folder, click the folder icon . When you're ready, click **CONVERT** to start processing your videos. When conversion is finished, you can start uploading your files to your blog or website.

Converting DVDs

The era of the DVD disc is coming to an end, and not all homes now have a DVD drive. Make your favorite movies future-proof by backing them up to your computer.

Step 1: Open DVD

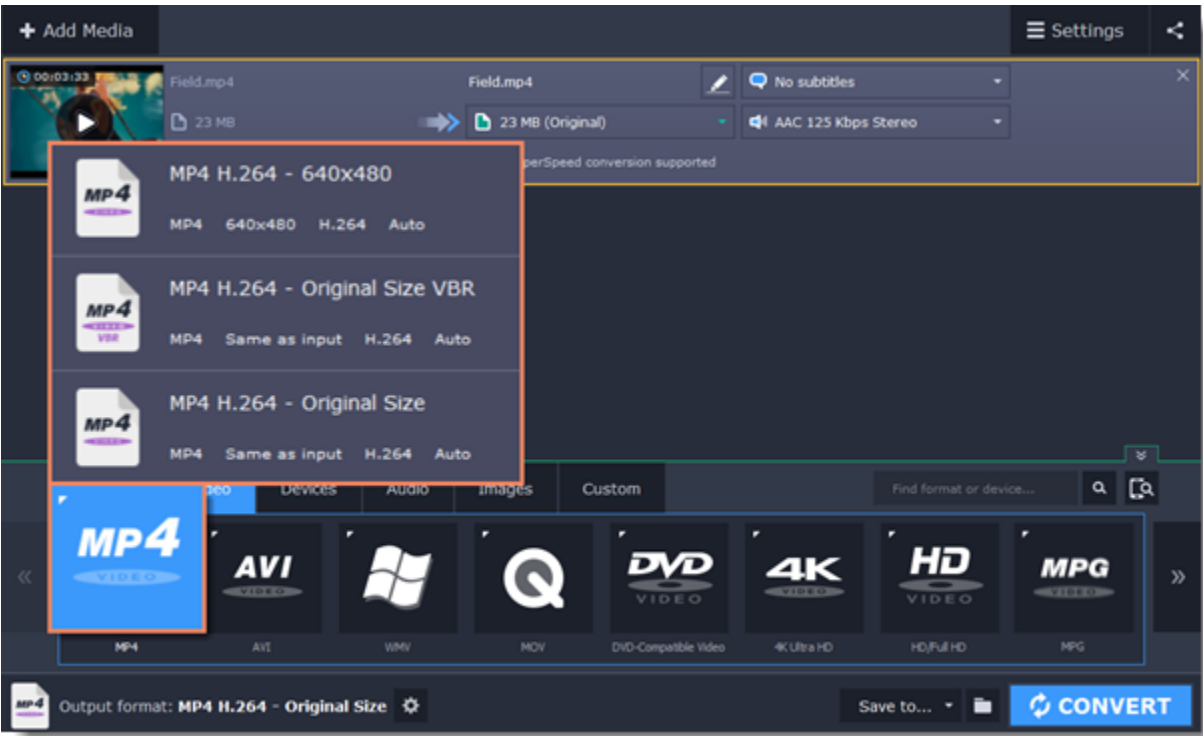
- 1. Insert the disc into your DVD drive. If you have an external DVD drive, connect it to the computer.
- 2. Click **Add Media** in the upper left-hand corner of the window.
- 3. Hold your mouse pointer over **Add DVD**.
- 4. Click the disc name in the menu that appears. If you don't see the DVD in the list, click **Open DVD** and find the DVD location.



Tip: some DVDs are protected from illegal copying and cannot be converted. Movavi Video Converter is not intended for copying protected media.

Step 2: Choose video format


- 1. In the lower part of the window, click the **Video** tab to see a list of video formats.
- 2. Choose the group with the format you like.
- 3. Click that format and pick a video resolution. To convert with the original resolution, choose the line marked with "Same as input".



Step 3: Choose files and streams (optional)

Many DVDs come with bonus clips, as well as a number of subtitle tracks. Select just the files you need to save disk space:

Bonus files

To remove bonus files that you don't need, click the  icon to the right of the video.

Audio tracks

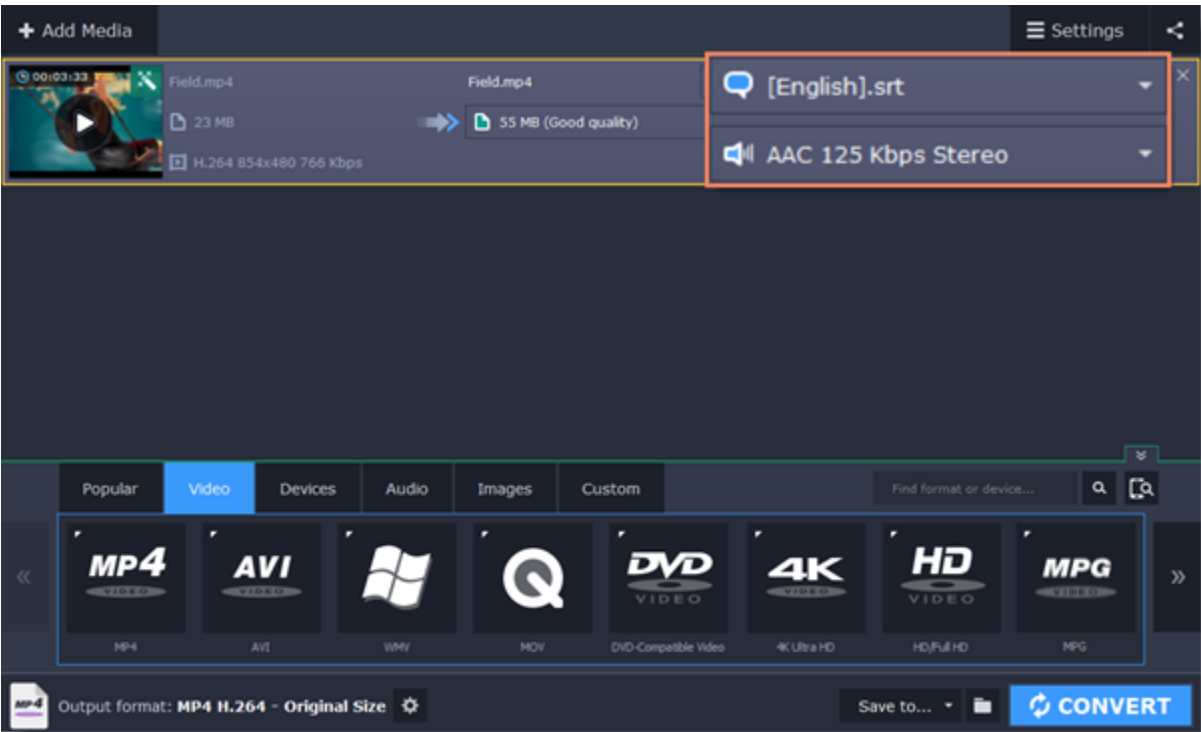
- 1. Find the audio information in the right-hand part of the file list and click on it to open the list of audio tracks.
- 2. Deselect the audio tracks that you don't want to keep.

[Learn more about audio tracks](#)

Subtitles

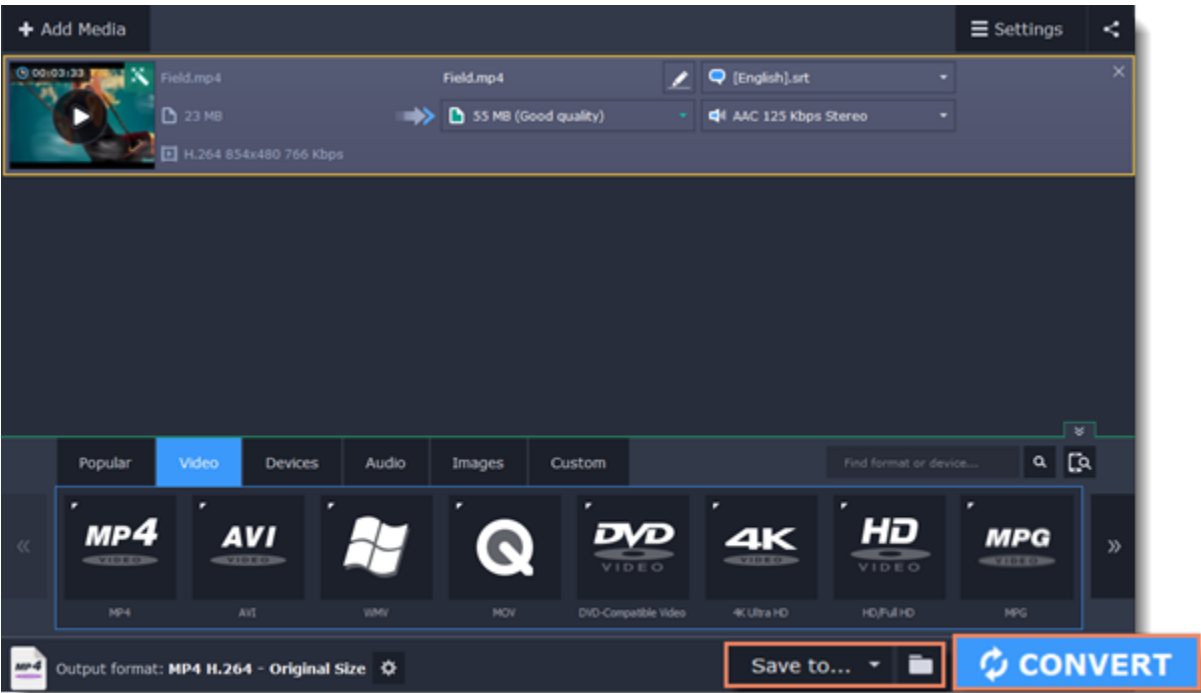
- 1. Find the subtitle information in the right-hand part of the file list and click on it to open a list of available subtitles.
- 2. Choose the subtitle track that you want to keep.

[Learn more about subtitles](#)



Step 4: Convert

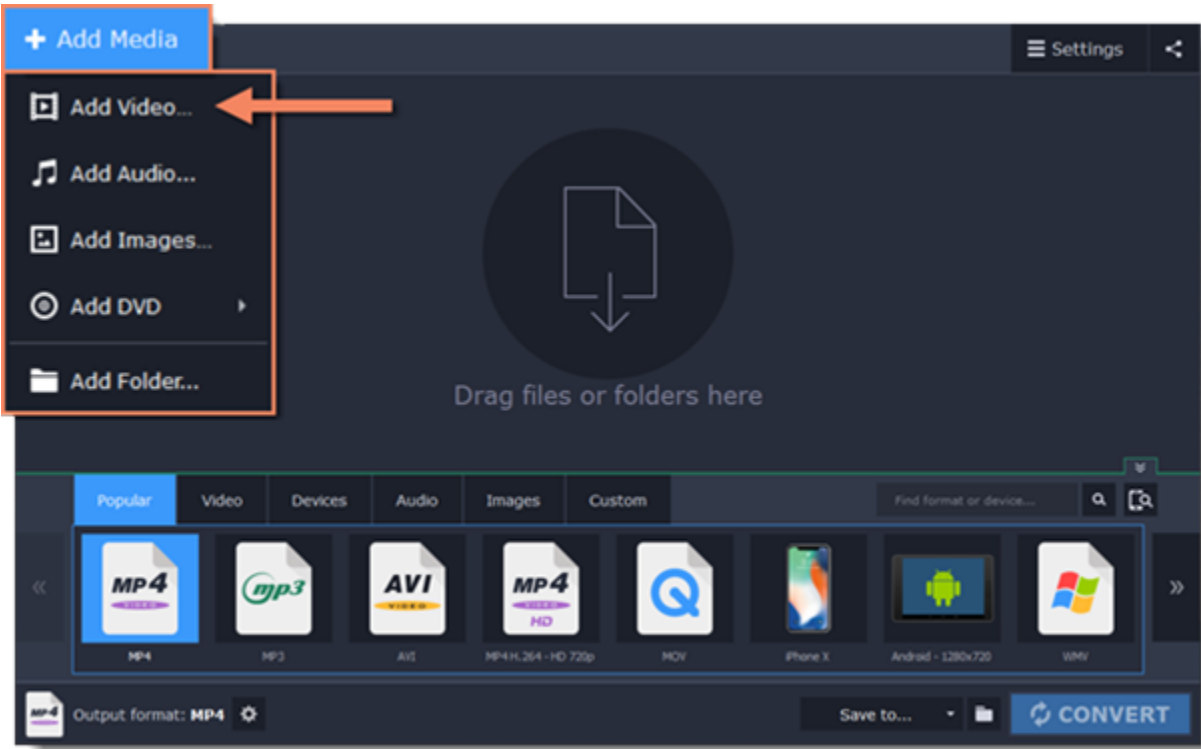
The **Save to** box at the bottom shows where the DVD movies will be saved after conversion. To save the files to a different location, click the folder icon and choose the new destination folder. When you're ready, click **CONVERT** to start processing the videos.



Creating GIFs from videos

Step 1: Open a video

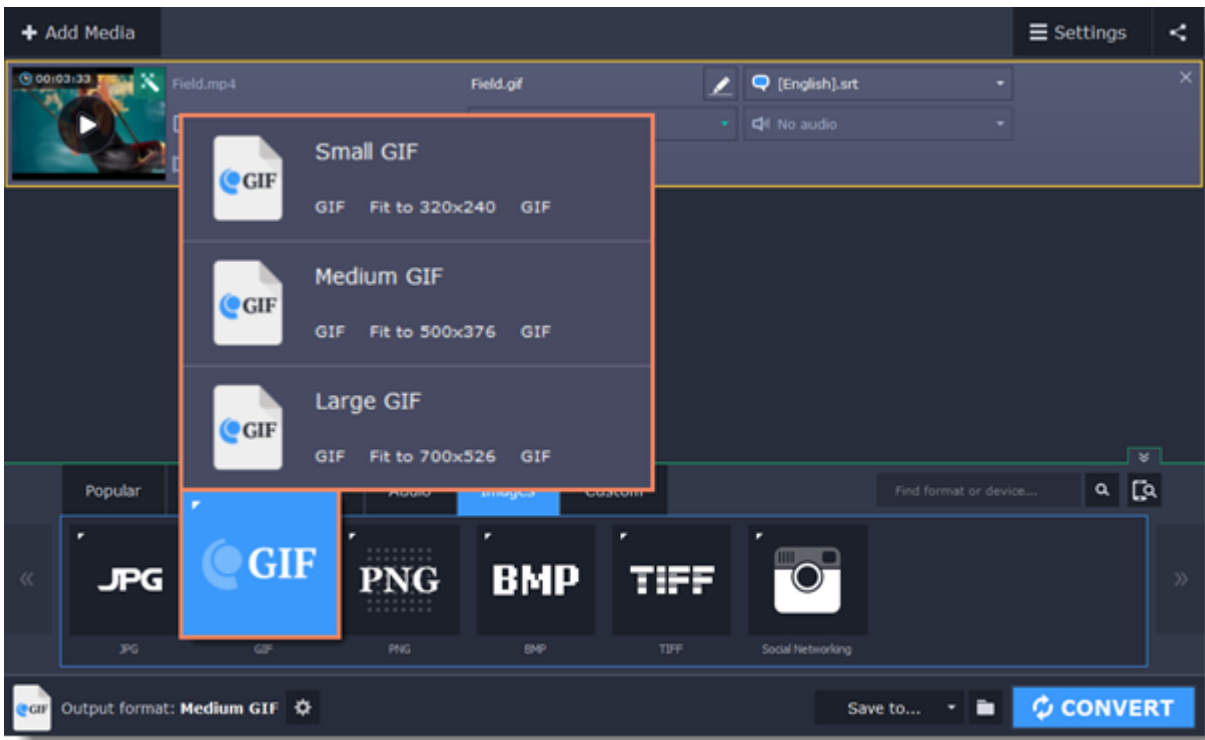
- 1. Click **Add Media** in the upper left-hand corner of the window and choose **Add Video** from the pop-up menu.
- 2. Find the video you want to turn into a GIF and click **Open**.




Step 2: Choose GIF format

- 1. In the lower half of the window, click the **Images** tab to see image formats.
- 2. Click **GIF** to see GIF conversion options.
- 3. Choose a size for your animated GIF. *For example, "Medium GIF".*

4. (Advanced) To change the frame rate, click the **Customize** button next to the output format at the bottom to customize the selected preset. In the settings window, choose the **frame rate** you need and click **OK**. Higher frame rates will make the movements seem smoother, but will increase the GIF's file size.



Step 3: Save the GIF

Take a look at the **Save to** box at the bottom of the window: this is where the finished file will be created. To choose a different location, click the folder icon  and select the new output folder. Click **CONVERT** to save your animated GIF.

Convert for devices
How to convert video 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.

Find your device automatically

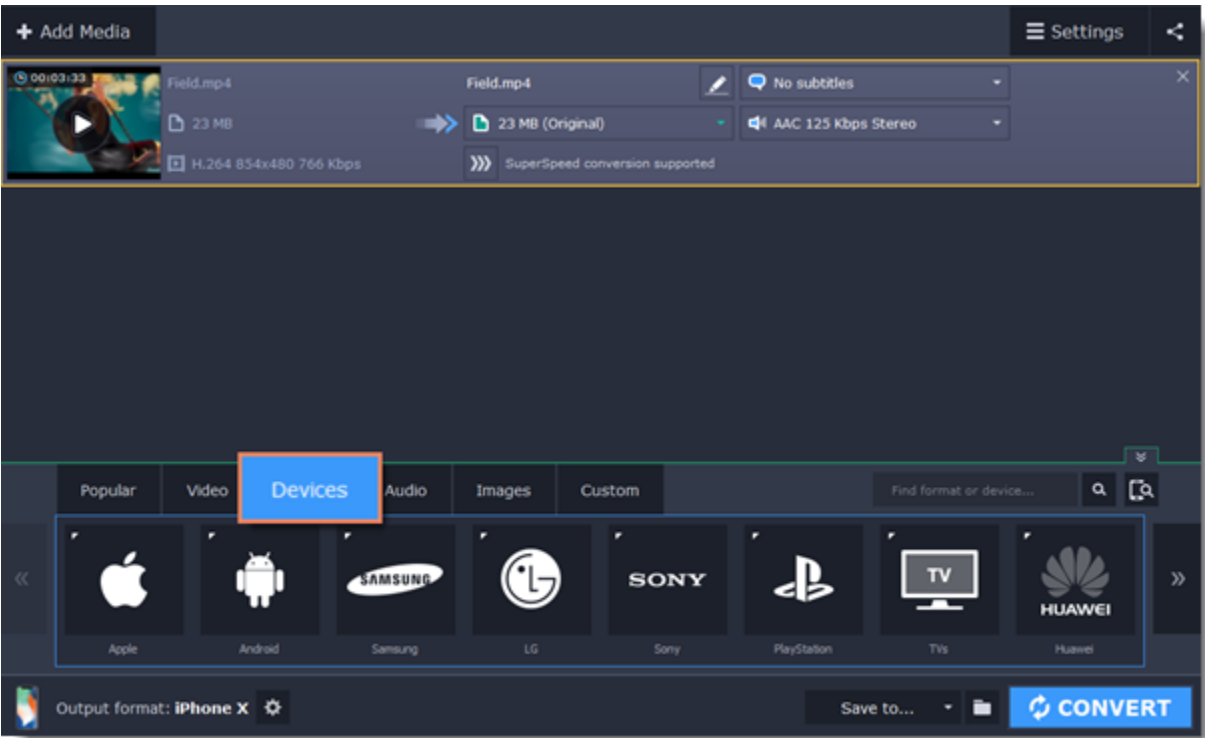
If you're converting for a smartphone or tablet, connect the device via USB, and the converter will automatically detect it and recommend the best output format. [Learn more](#)

Step 1: Add files

[Open the files](#) you want to convert.

Step 2: Open the Devices tab

In the lower half of the window, click the **Devices** tab so see a list of device presets.

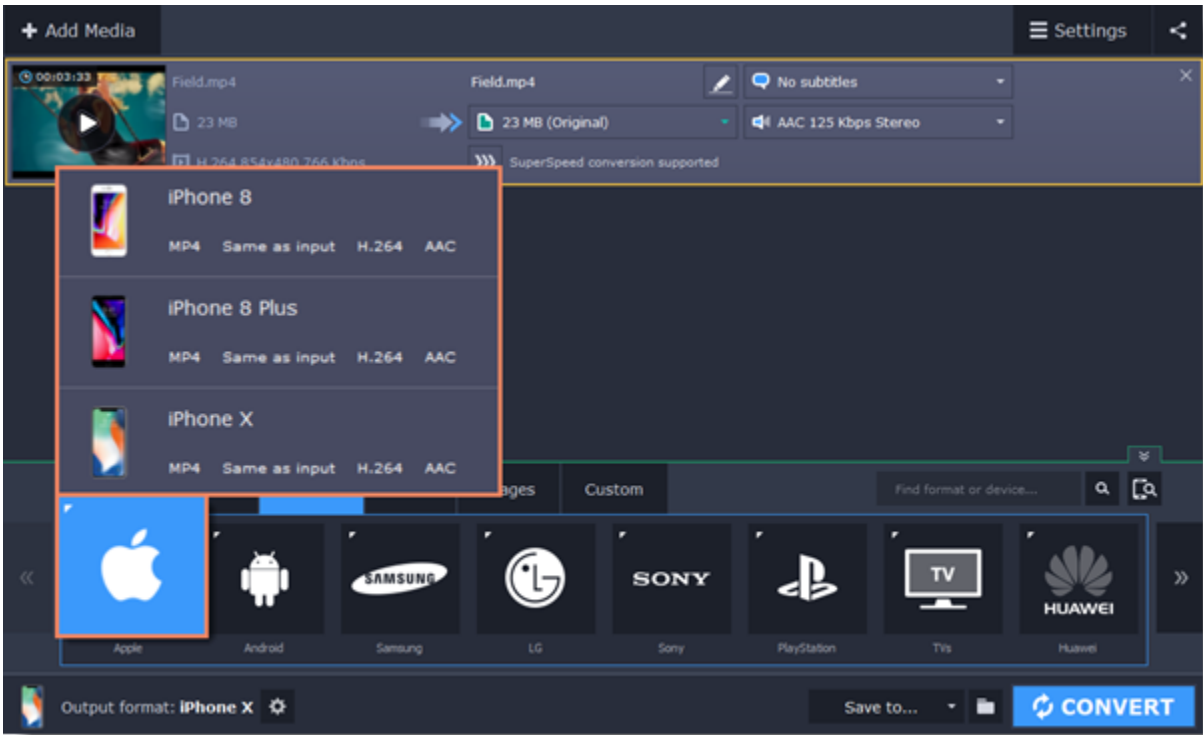


Step 3: Find your brand

In the **Devices** list, use the arrows on the left and right to scroll through the list and find your device's manufacturer and click on it to see a list of device models. *If you don't see the device's brand in the list, try the search bar, or use a general category, such as **Android**, **TVs**, or **Tablets**.*

Step 4: 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 be optimal for your device.



For example, to convert videos for the iPhone 6s, find Apple in the list, and then choose the iPhone 6s preset.

Step 5: Convert

Click the folder icon  next to **Save to** 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.

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

Device recognition

Converting videos for devices such as smartphones and tablets is quick and easy: all you need to do is connect the device and the program will suggest the recommended format and resolution for it.

Step 1: Add files

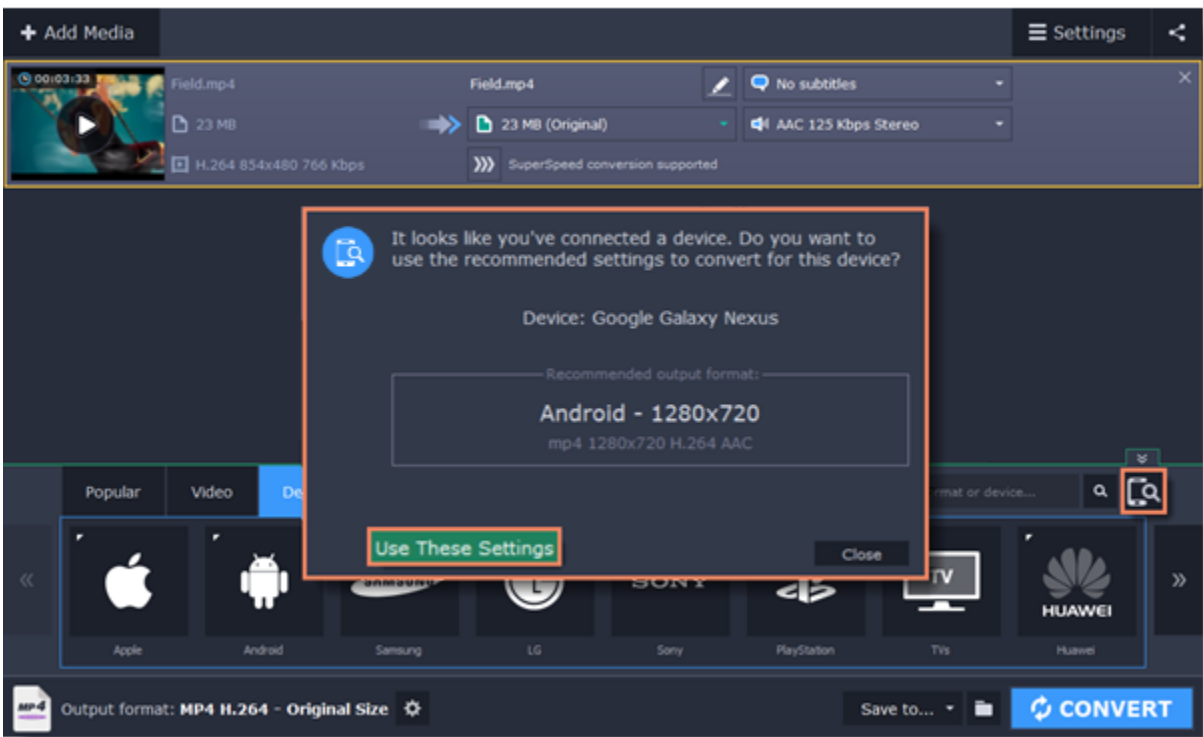
Drag the files you want to convert onto the converter window.
[How to open files](#)

Step 2: Connect the device

Connect the smartphone or tablet to your computer using a USB cord.

Step 3: Confirm the device

- 1. Click the **Device Detection** button to the right of the search bar.
- 2. If the device is correct, click **Use These Settings** to use the recommended output format, resolution, and other parameters.



Several devices are listed

Sometimes, the device detection box shows a list of several devices. This can happen if you have more than one connected device, or with some devices that are very similar and can't be identified precisely. In this case, open the **Choose your device** list and select the device model that you want to convert for. Then, click **Use These Settings** to use the recommended format, resolution, and other settings.

Device was not detected

- If the dialog box does not appear, try clicking the **Device Detection** button to the right of the search bar.
- Try reconnecting the device and wait for the system to detect it.


• If that doesn't help, you can still find a preset for your device manually on the **Devices** tab. [Detailed instructions](#)

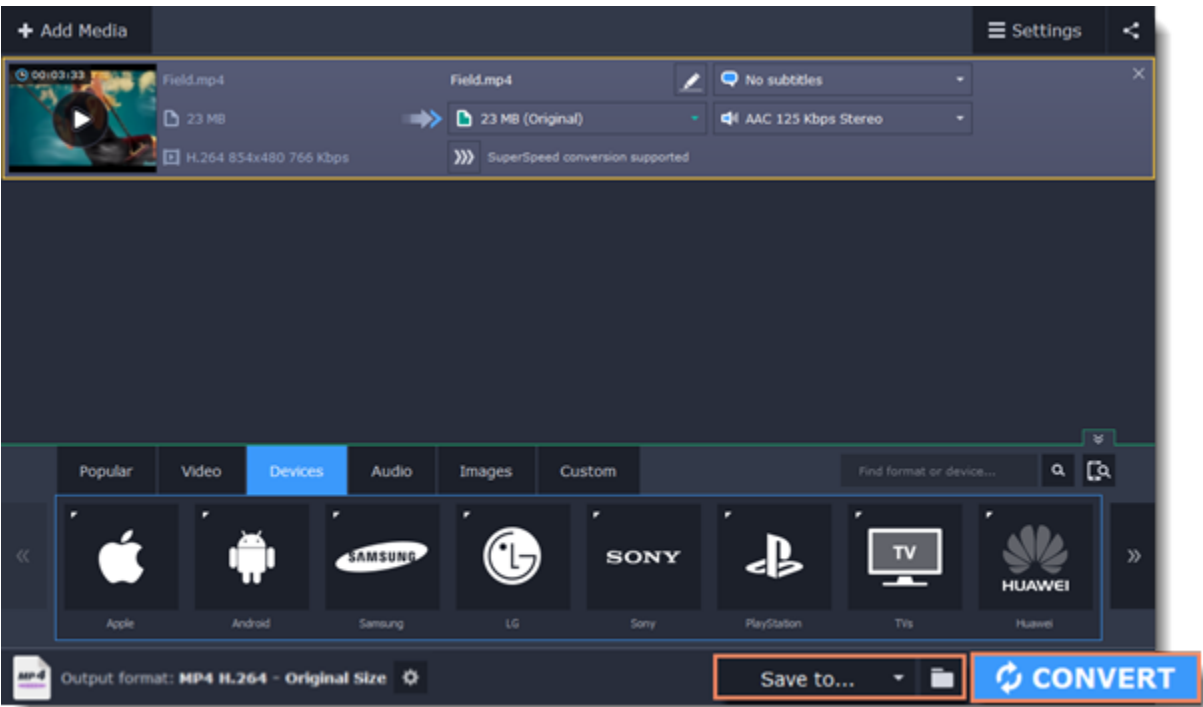
The wrong device was detected

If the dialog box shows the wrong device, and that device isn't also connected to your computer, you can still find it manually on the **Devices** tab of the preset list. If you want to report this mistake, write to us at support@movavi.com and tell us your device model, and which device was shown instead.

[Detailed instructions](#)

Step 4: Convert!

- 
1. Click the folder icon next to the **Save to** box and choose where to store the files after converting.
 2. Click **CONVERT** to start converting the videos for your device.
 3. After conversion has finished, upload the videos to your device and enjoy.

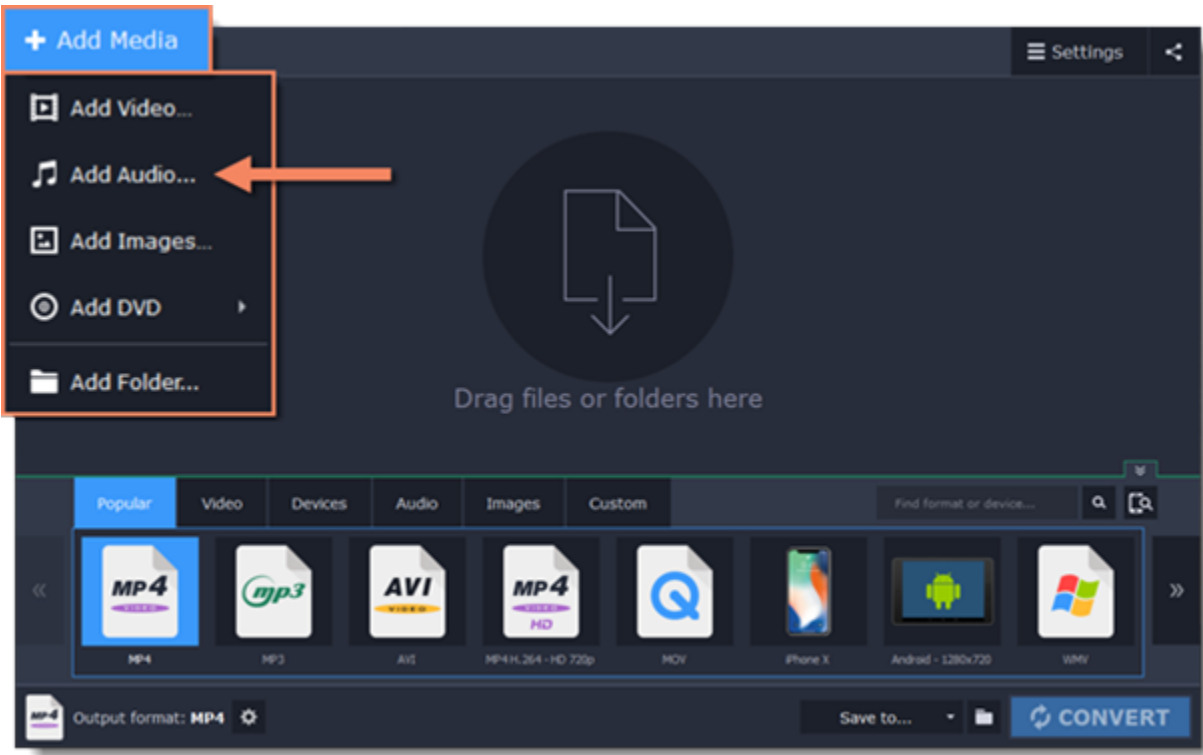


Converting audio

Even though MP3 is the most commonly used format, you may also encounter other formats, such as AAC or FLAC, which can preserve audio quality better, but aren't supported by all devices. Converting audio will not only let you play music on any device or player, but also organize and compress your media library.

Step 1: Open music

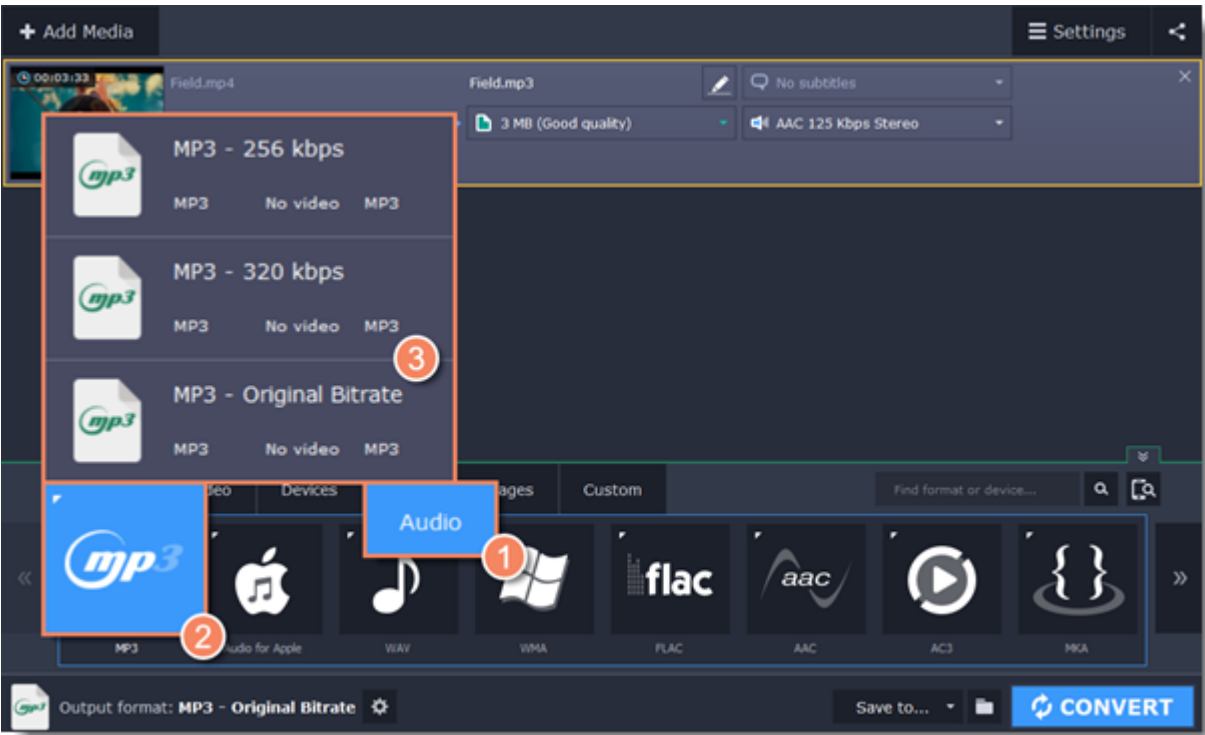
1. Click **Add Media** in the upper left-hand corner.
 2. Click **Add Audio** in the pop-up list.
 3. A **File Explorer** dialog box will appear. Choose the audio files you want to convert.
- Or simply drag the audio files onto the converter window.



Step 2: Choose audio format

1. In the lower part of the window, click the **Audio** tab to see the list of audio formats.
2. Click the format you want to convert the audio to.
3. Choose the bitrate that you want to use. To convert without changing the bitrate, choose the preset marked with "Original bitrate".

Bitrate – the bitrate reflects the amount of data in kilobits that is played back each second (measured in kbps). 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.



0

Step 3: Edit audio (optional)

Rename file

Renaming media files helps keep the music library in order.

- 1. Click the pencil icon next to the file you want to rename.
- 2. Enter the file's new name.
- 3. Click **OK**.

[Renaming files](#)

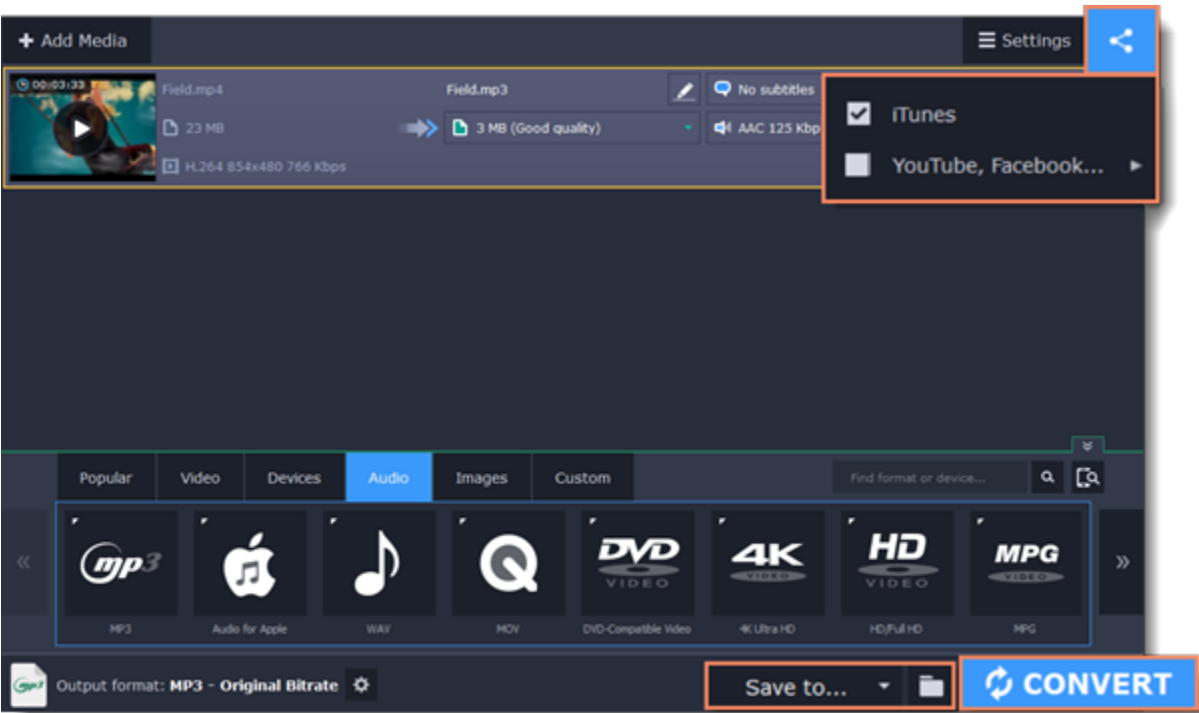
Normalize and manage volume

If some of your music files are quieter than others, you can normalize their sound so you don't have to adjust the volume every time you listen to them.

- 1. Click the **Edit** button next to the file you want to normalize.
- 2. The Editor window will open. There, switch to the **Audio** tab.
- 3. Adjust the **volume level** or select the **Normalize volume** option.
- 4. Click **Done**.

Step 4: Convert and upload

- 1. To change where the files are stored, click the folder icon next to the **Save to** box and choose the output folder.
- 2. If you want to upload the music to iTunes after converting, click the upload button at the top of the window and select **iTunes** from the pop-up window.
- 3. When you're ready, click **CONVERT** to start the audio processing. Your files will be ready in a few minutes at most.

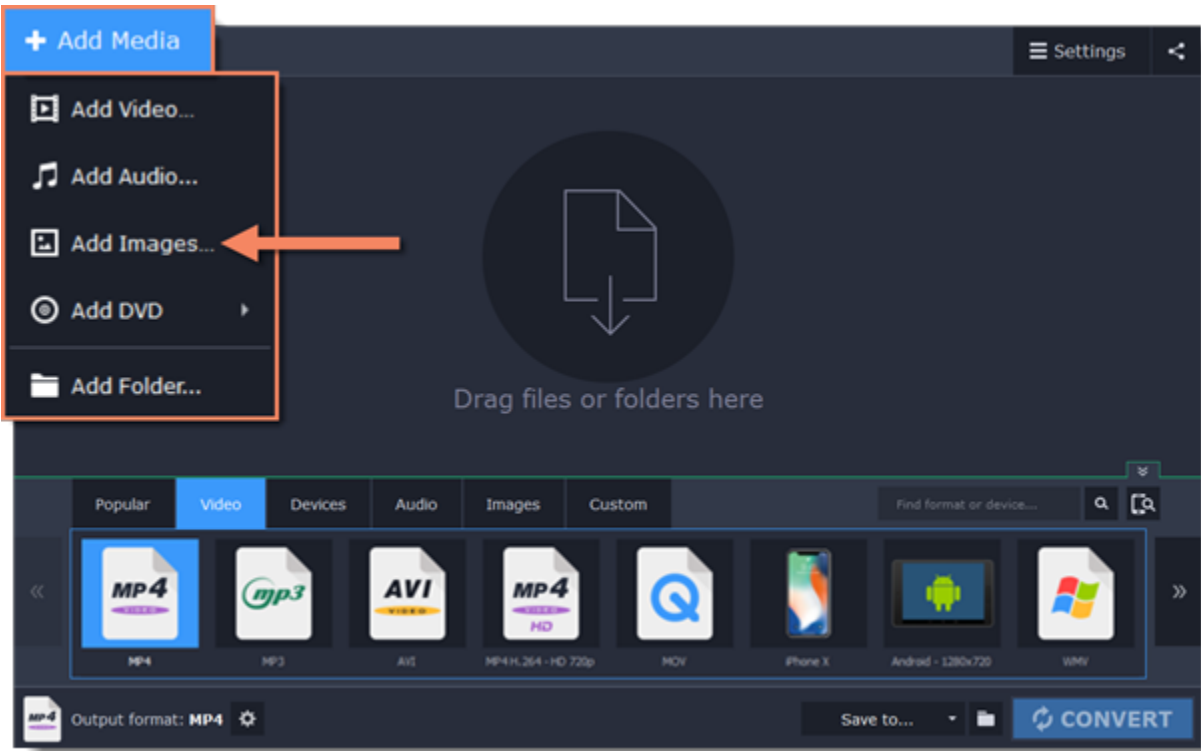


Converting images

Most applications and web services are limited to just a few image formats, and working with rare formats usually requires expensive software. Convert images to be able to use them wherever you like!

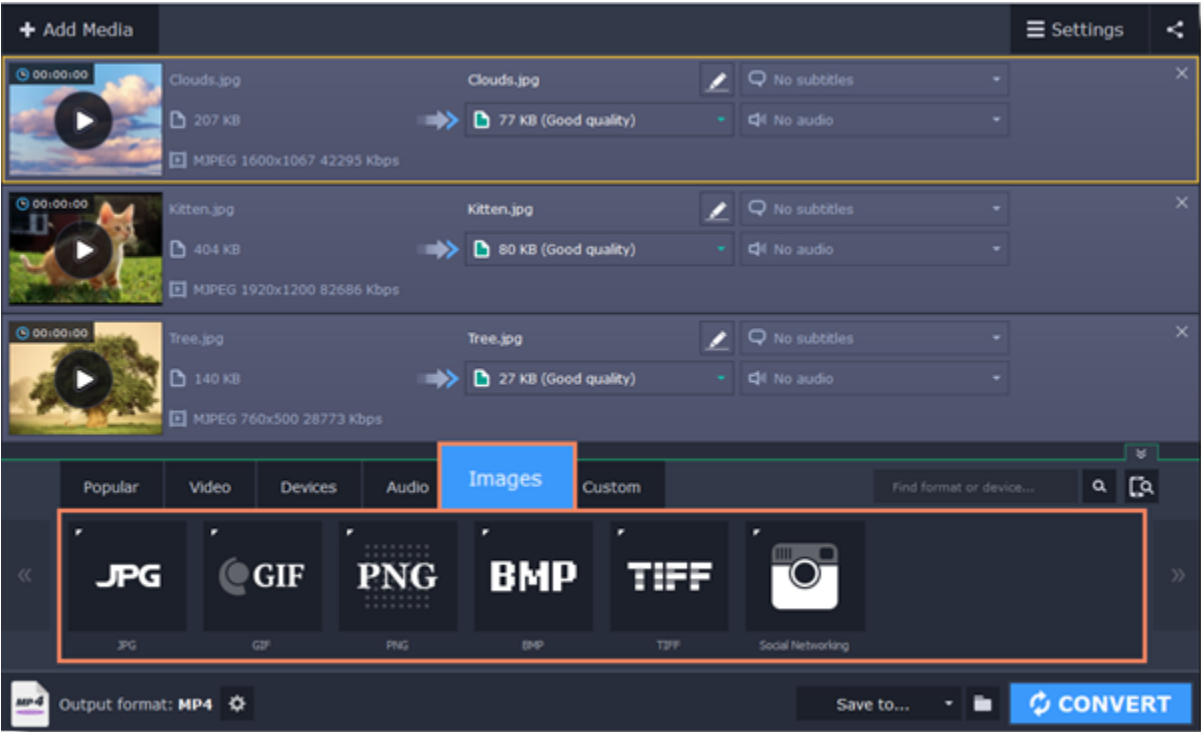
Step 1: Open images

- 1. Click **Add Media** in the upper left-hand corner of the window.
- 2. Click **Add Images** in the pop-up menu.
- 3. Choose the images you want to convert and click **Open**.

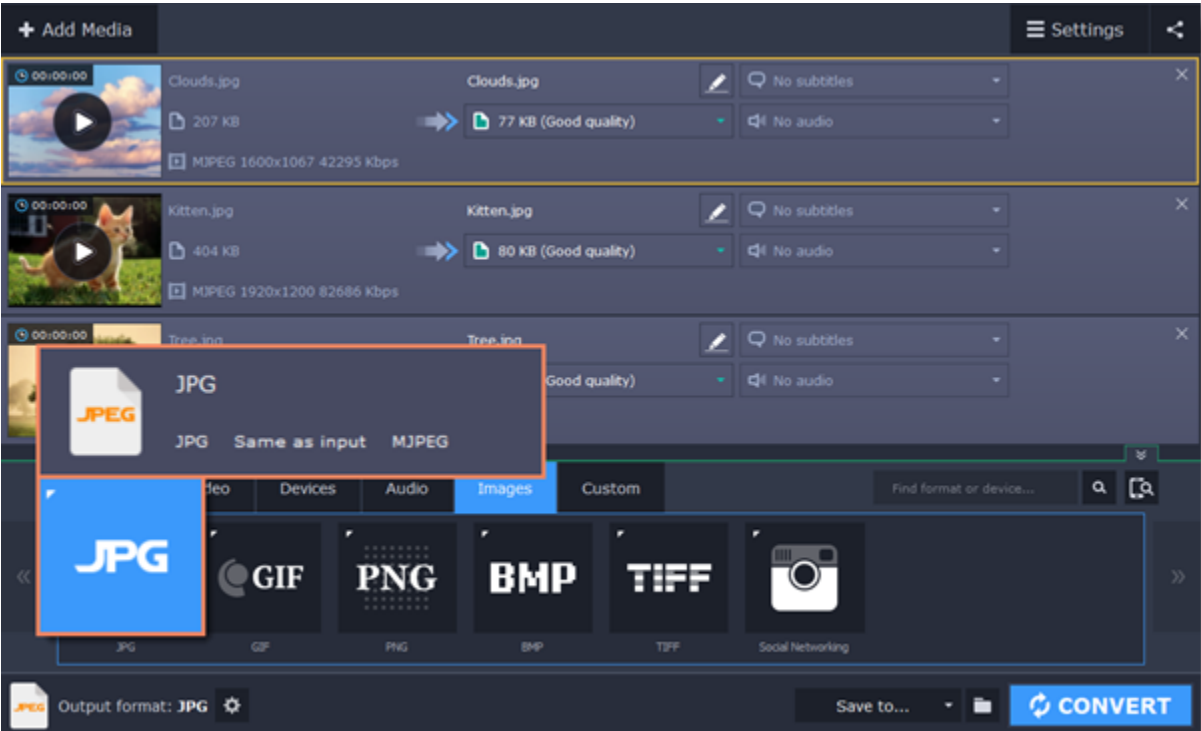


Step 2: Choose format

1. In the lower half of the window, click the **Images** tab to see a list of image formats.




2. Click the format you want to use.
Hint: not all formats support transparency. If the images have transparent areas, choose the PNG or BMP format.





Step 3: Resize images (optional)

To batch resize the images:

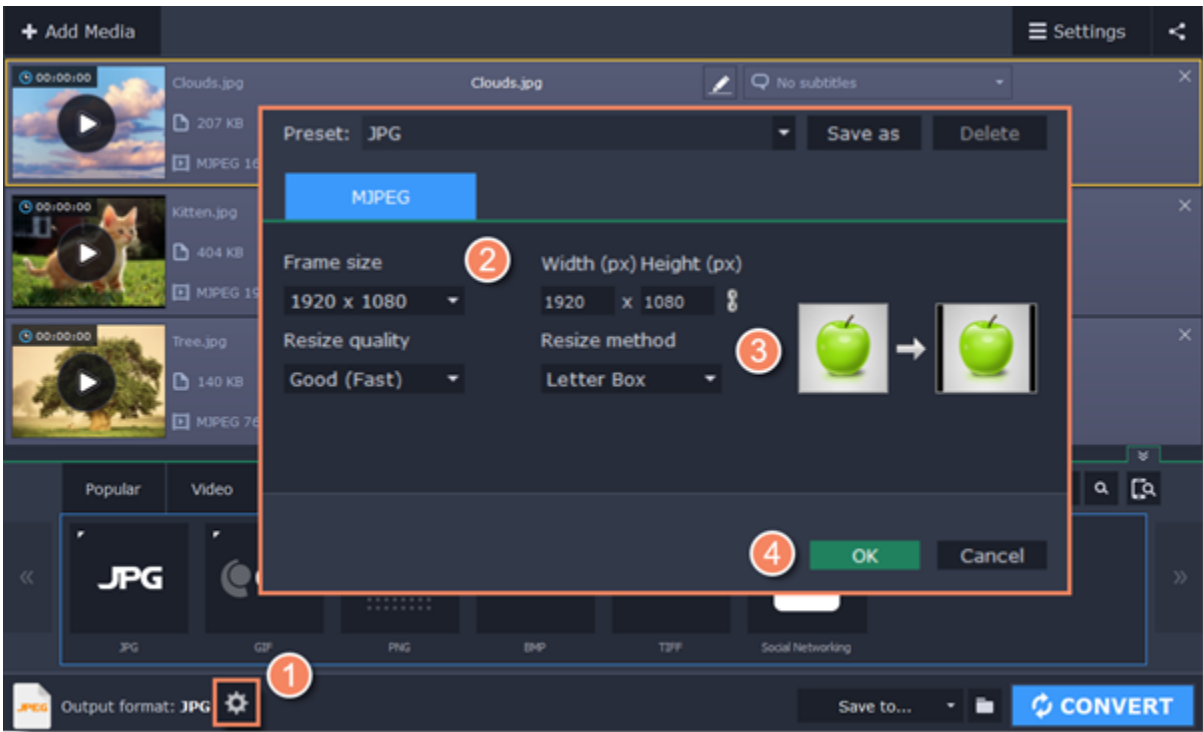
1. At the bottom of the window, click the cogwheel icon  next to **Output format**.
2. Click the box under **Frame size** and choose a size that you want to use for all images, or choose any of the following and enter the size into the **width** and **height** boxes on the right:

Custom: scales the images to exactly the size you specify.
Smart fit: scales the images up or down as close as possible to the specified size without changing the proportions.
Up to size: scales the images down as close as possible to the specified size without changing the proportions. Images smaller than this size will remain unchanged.


To allow changing the image proportions, click the link icon next to the width and height boxes:  – locked,  – unlocked.

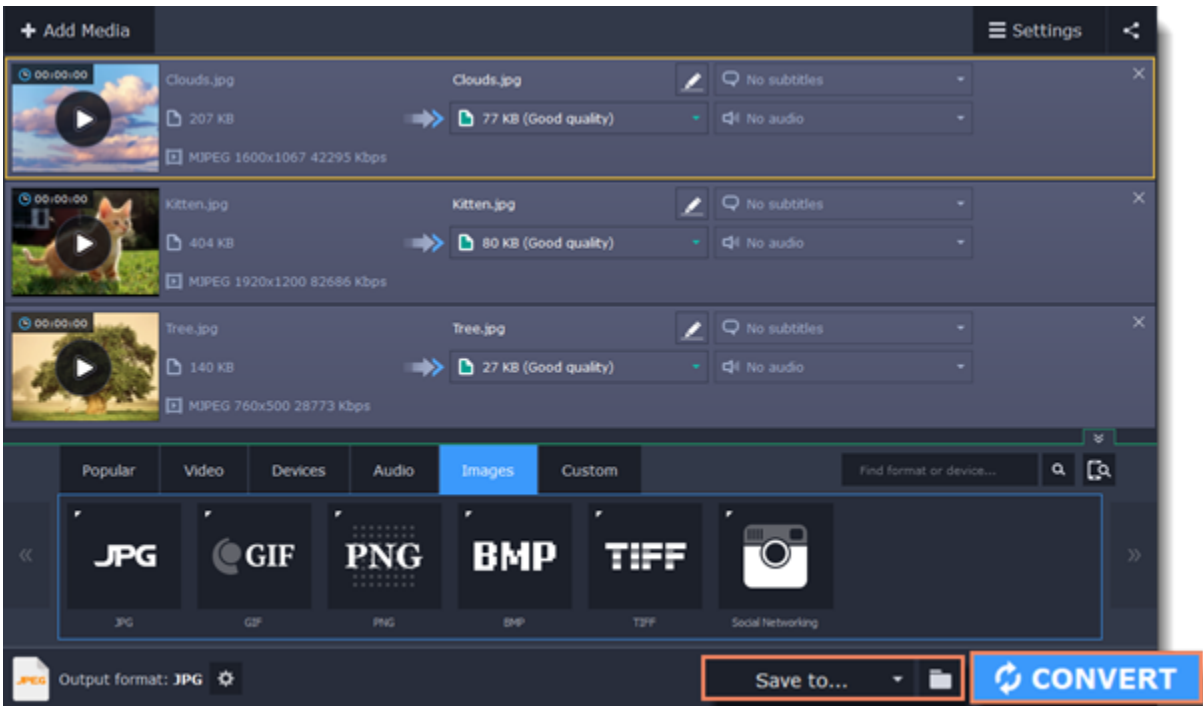
3. If the new size is different from the original image proportions, choose a resize method for your images:
- Letter box** – unused space will be filled with black.
 - Stretch** – the image will stretch to fill the entire area.
 - Crop** – the image will be resized to fill the entire area, and overflowing edges will be cut off.

4. Click **OK** to accept the changes. If you want to preview the result, click the **Edit** button next to an image.



Step 4: Convert

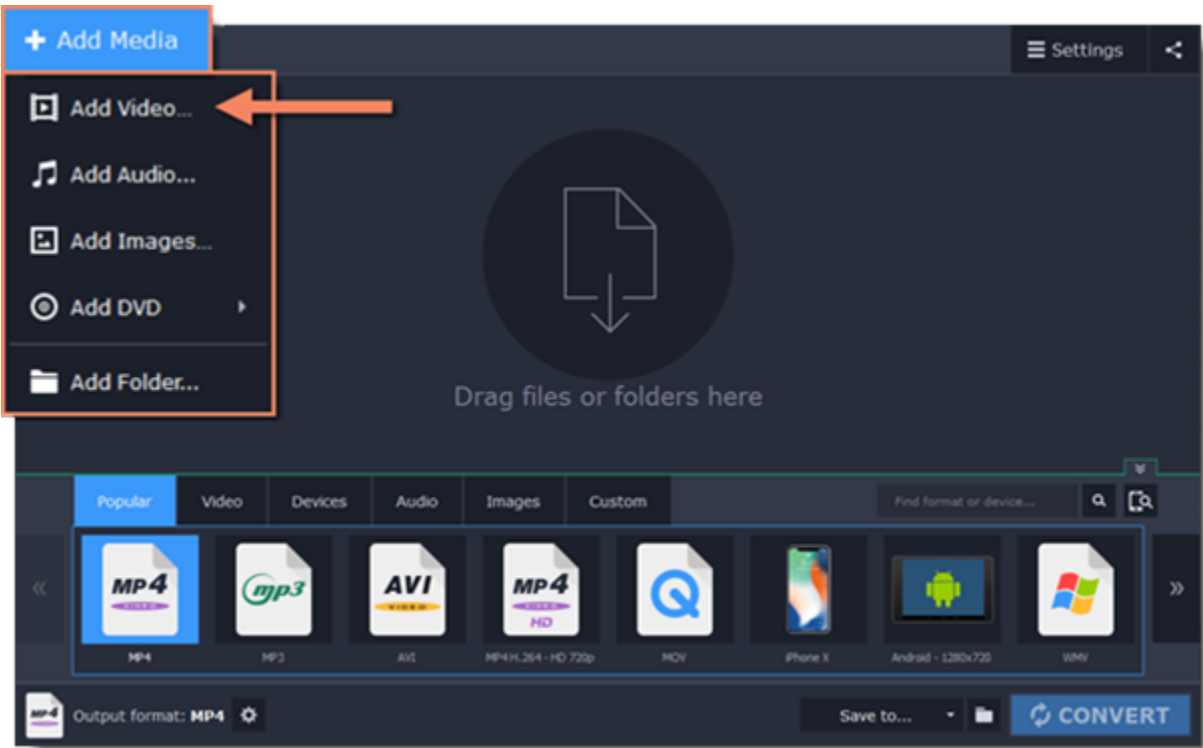
1. Check the output folder in the **Save to** box. To change where the files are saved, click the folder icon  next to it.
2. Click **CONVERT** to start processing the images.



Opening media

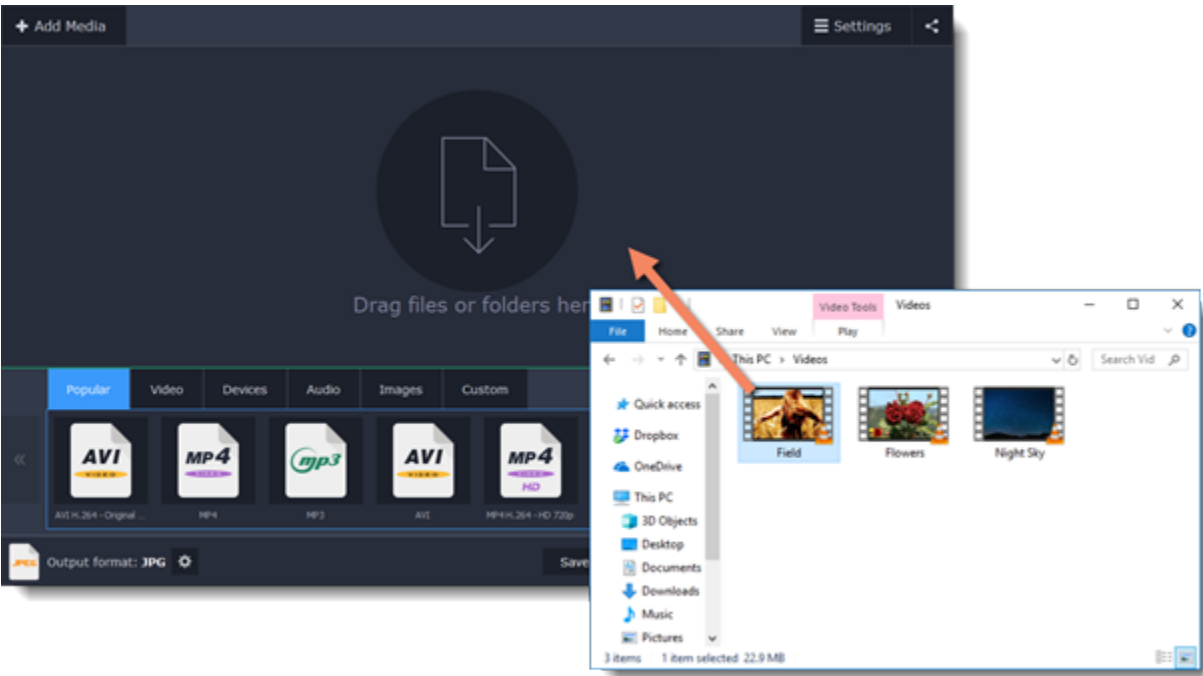
To begin converting media files, you will first need to open them in **Movavi Video Converter**.

1. Click **Add Media** at the top of the window.
2. Click one of the buttons to open files of that media type.
3. A **File Explorer** window will open. Find the files you want to convert and click **Open** to add them to the queue.



Drag and drop from File Explorer

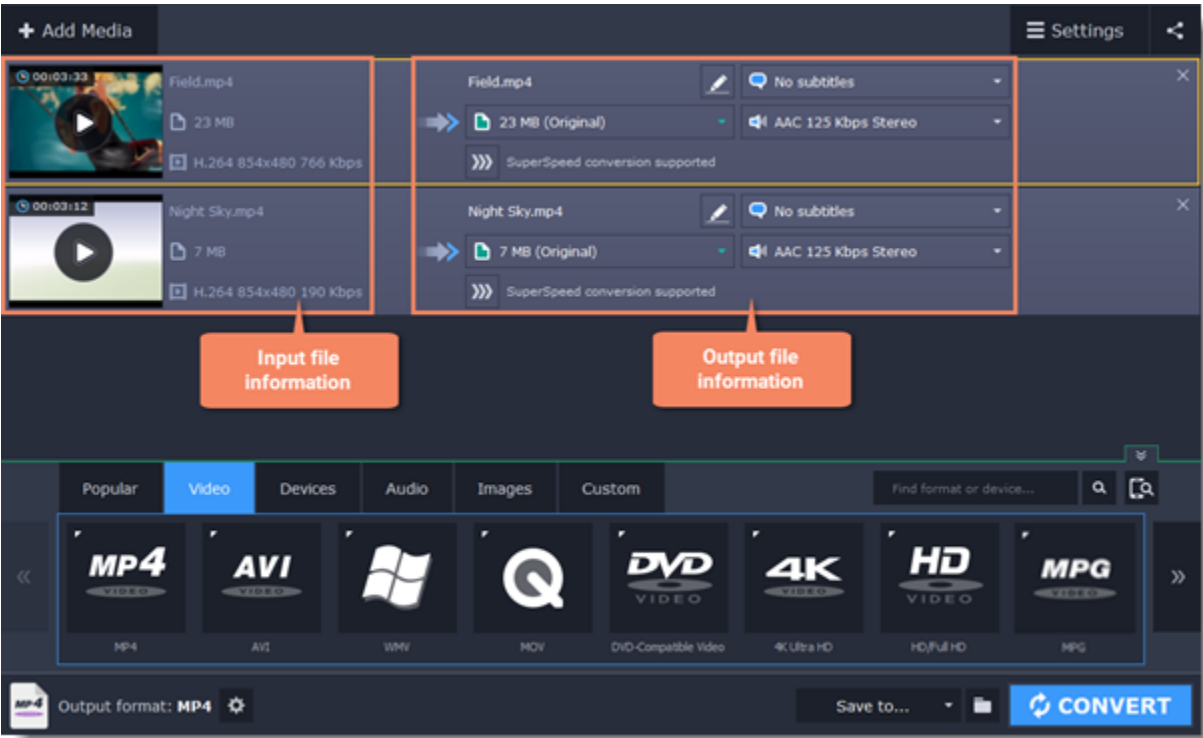
Or simply drag the files from any **File Explorer** window onto **Movavi Video Converter** to add them to the queue.



File list

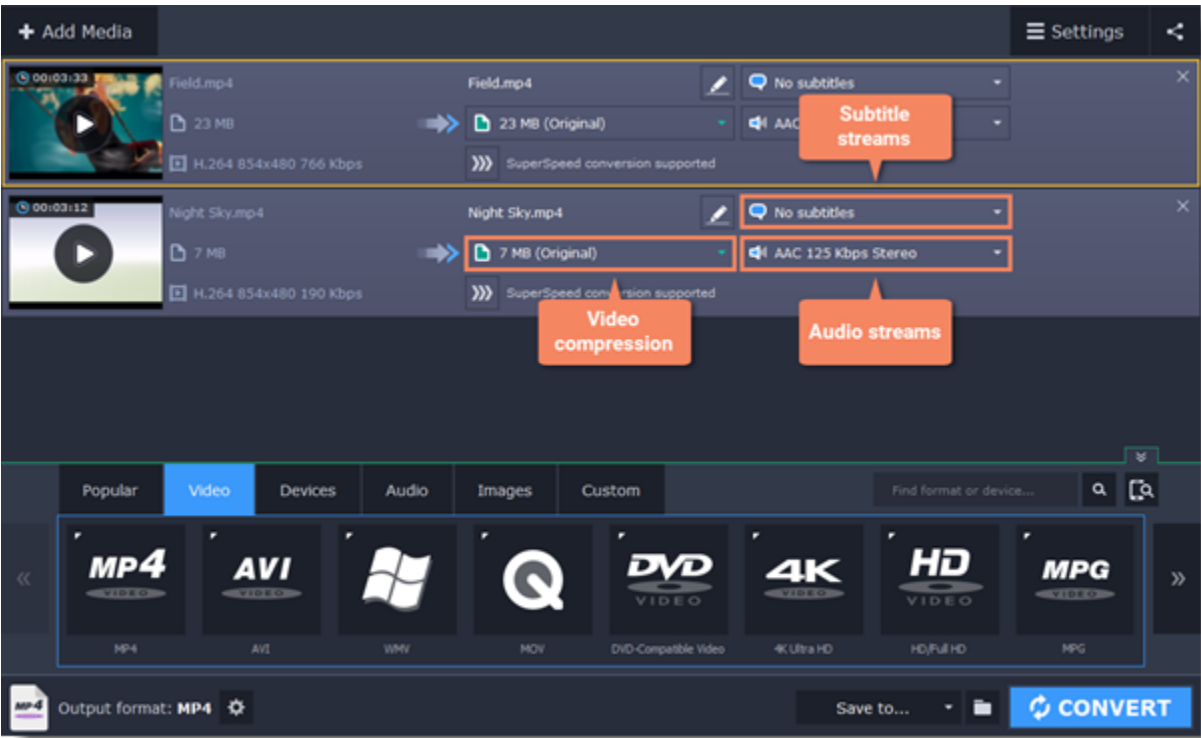
After you have opened the files, they will all appear in the file list. Here, you can view information about the files, choose audio and subtitle tracks, and manage the output file.

On the left, you can see the file's media information, and on the right you can manage the output file's name, media streams, and edit the file. To remove a file from the list, click the X button on the right: ✕



Media streams

Every media file is made up of streams for each data type. A video can contain a video stream, a couple of audio streams, and several subtitle streams. When converting files, you can find the information about these streams in two columns on the right. Here, you can manage the streams that end up in the output file.



Compress video

You can compress a video to reduce its output file size by sacrificing some of the quality. To do that, click the output file size and move the slider to the necessary file size while keeping an eye on the quality.

[Compressing videos](#)

Choose audio tracks

If a file comes with a number of audio tracks for different languages, you can keep just the ones you need. To do that, click the audio stream and deselect the audio tracks that you don't want to keep.

[Choosing audio tracks](#)

Choose a subtitle track

When you convert videos, you can permanently overlay subtitles on top of the video. To do that, click the subtitle stream and choose or add the subtitle track that you want to use.

[Choosing a subtitle track](#)

Information about the original file

To find detailed information about the video and audio streams of the original file, right-click anywhere on the file and choose **File Information** from the pop-up menu.

[Media information](#)

Choosing audio tracks

It isn't uncommon to find videos with several audio tracks, whether it's a different language or a director's commentary. Removing tracks you don't need will reduce the output file size.

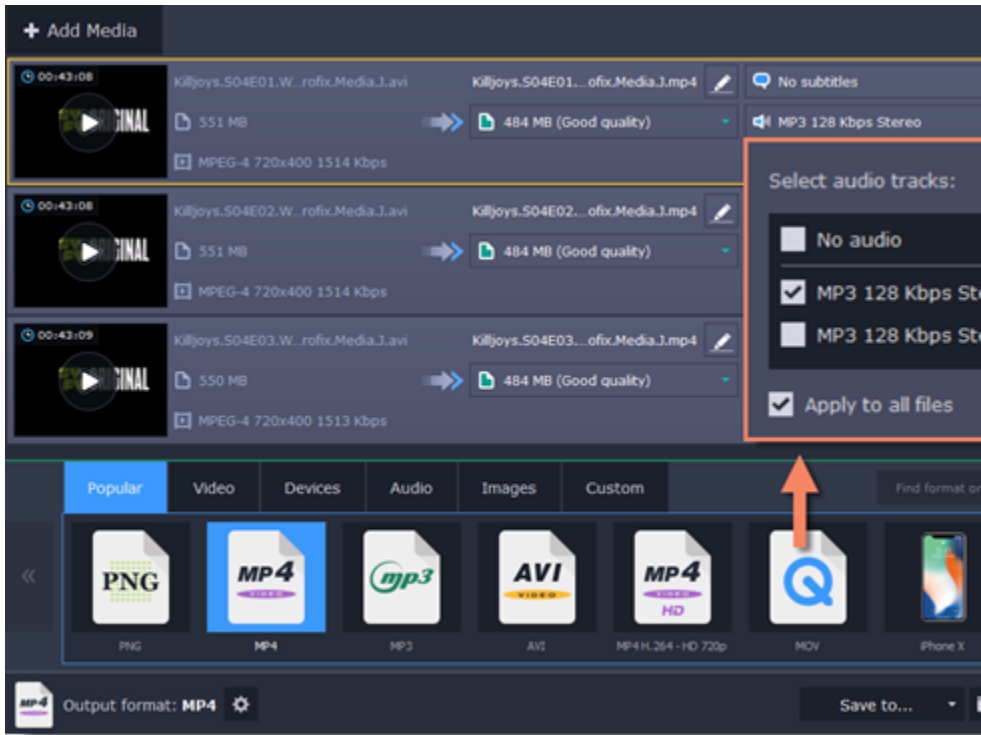
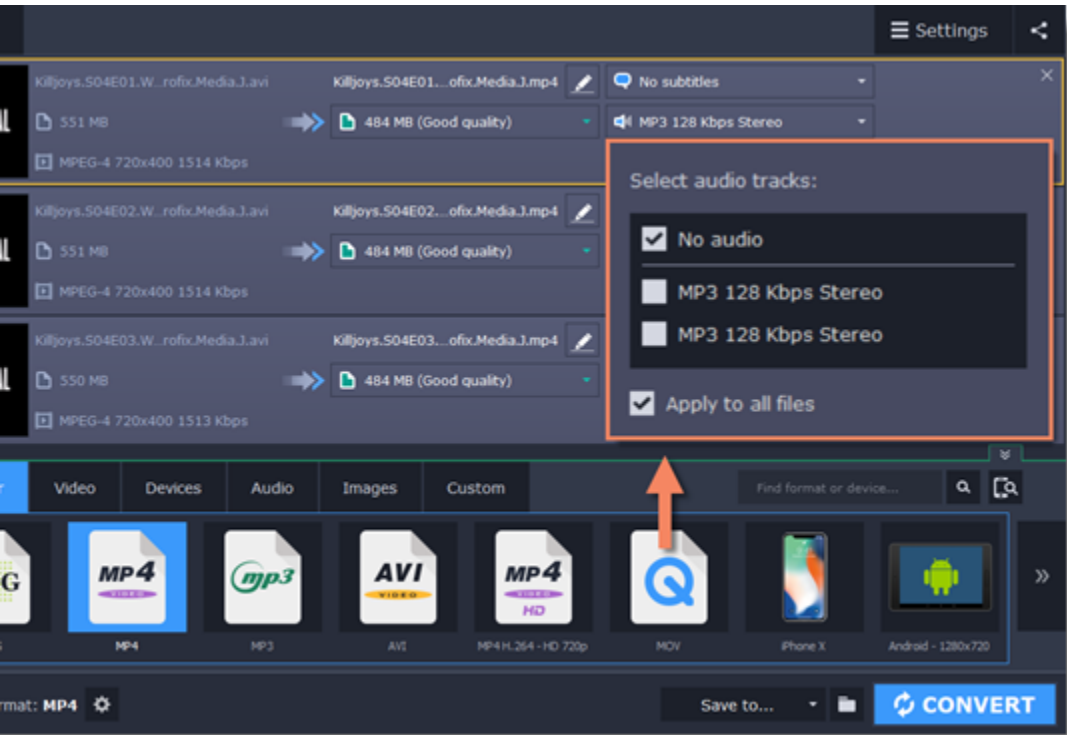
Step 1: Open audio track list

In the rightmost column of the file list, click the audio track information box. The audio track list will appear.



Step 2: Choose audio tracks

In the box with the audio tracks, deselect the audio tracks that you don't want to appear in the output video. If you want to completely remove audio from the file, select the **No Audio** option. You can remove audio from all the files in the list by checking the **Apply to all files** box. You can also apply an audio track to all files.




Note: not all formats support multiple audio tracks. The table below shows the maximum number of audio tracks for 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

Choosing a subtitle track

When you convert videos, you can permanently overlay any subtitle track onto the original video. This can be useful if you're watching videos on a device, or your player doesn't support subtitles.

Step 1: Open the subtitle list

In the rightmost column of the file list, you can see the subtitle and audio track information for each file. Click the information next to the subtitle balloon  to open the list of subtitles.

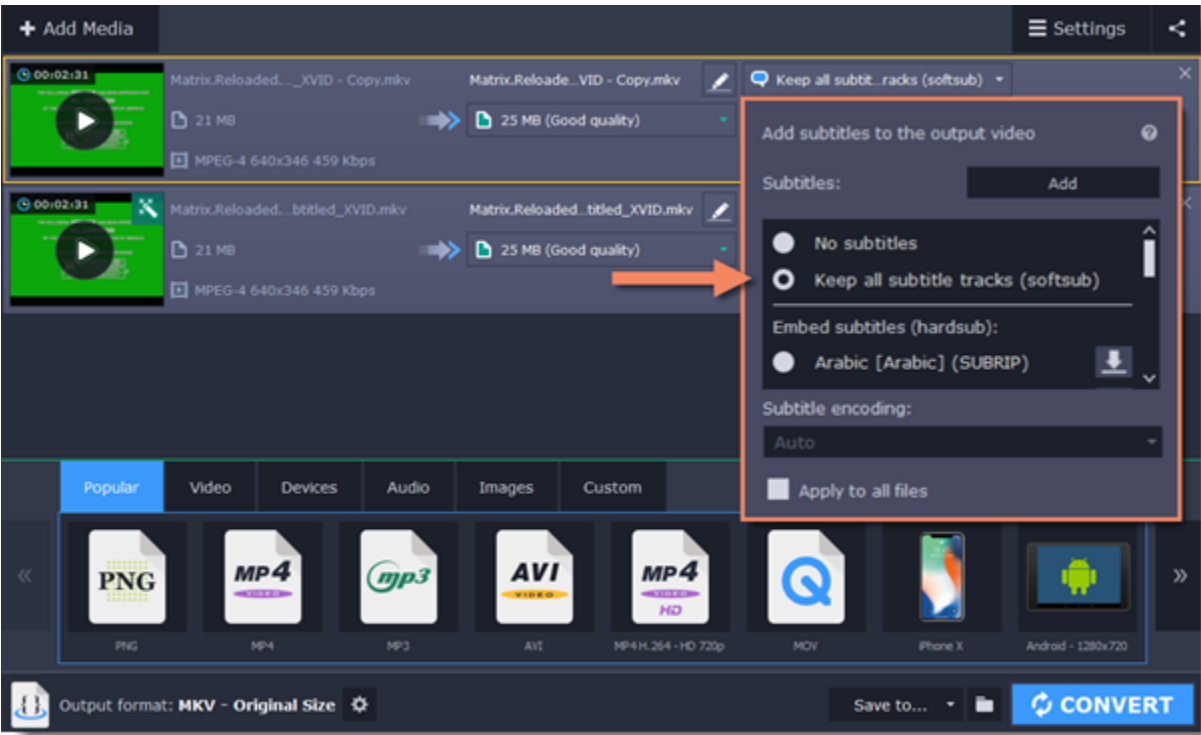


Step 2: Choose a subtitle track

In the subtitle list, click the subtitle track that you want to use. You can choose soft or hard subtitles.

Softsubs are stored as a separate track and you can add several subtitle tracks to one file. All the subtitle tracks will be saved if you choose this option.

Hardsubs are permanently drawn on top of the video and cannot be turned off, but they are guaranteed to be visible in any player.



Adding subtitles from file

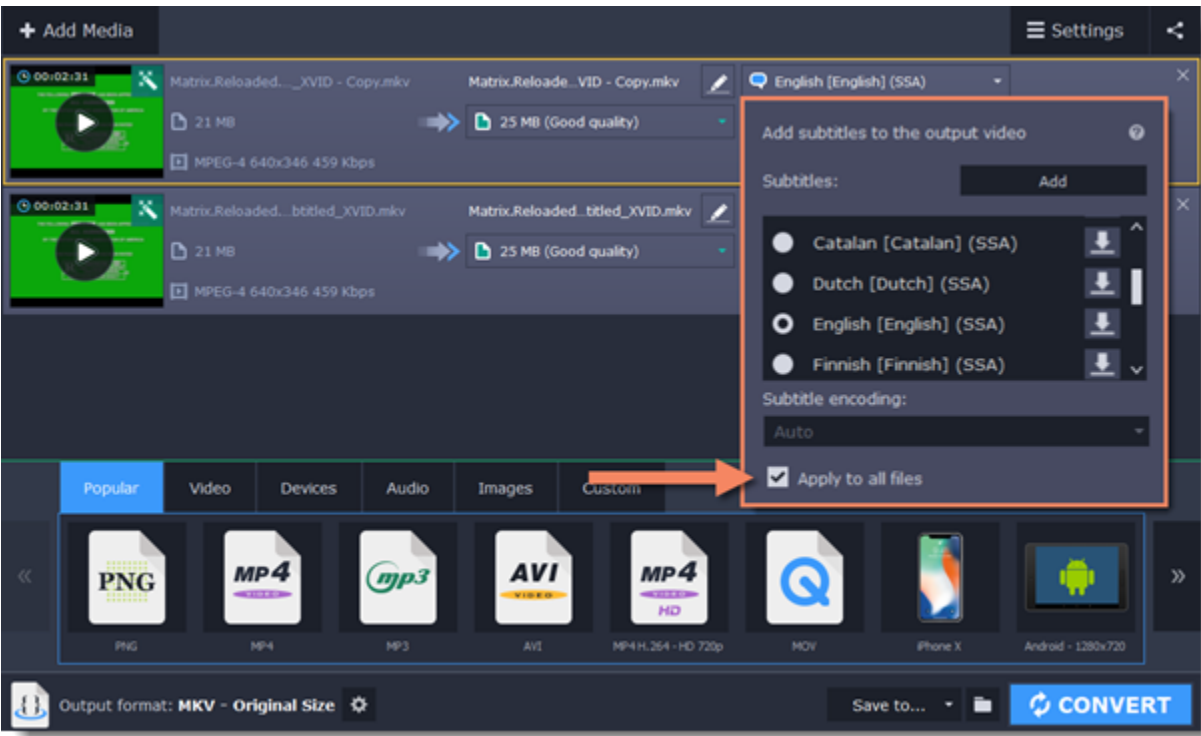
To add your own subtitles that aren't stored inside the original file, click the **Add** button above the subtitle list and then open the subtitle file that you want to add. You can use *.srt, *.ass, or *.ssa subtitle files.

Subtitle encoding

If the subtitle text looks scrambled, open the **Subtitle encoding** box and try setting the encoding with the right language.

Applying a subtitle track to all files

Choose a subtitle track and select **Apply to all files**. This function works only in case you have files with the same quantity of subtitle tracks, for example, it is a series.

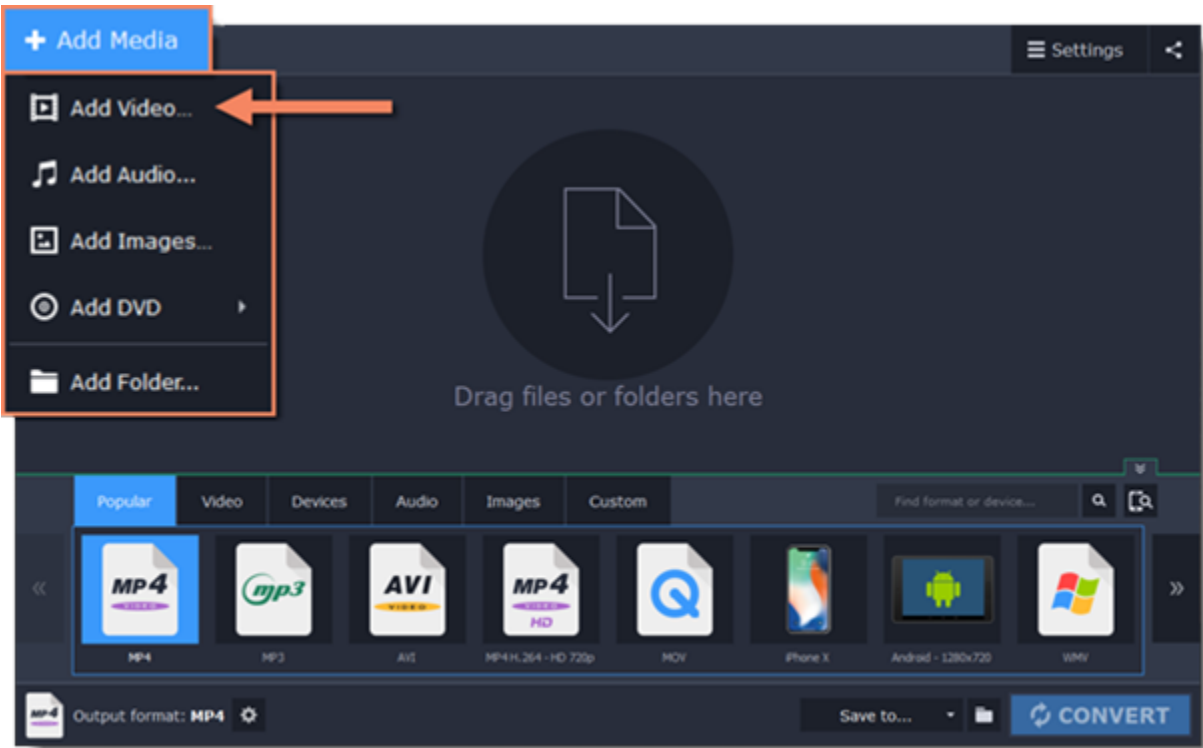


Extract audio from video

You can quickly save your favorite song from any movie by converting the video to an audio format.

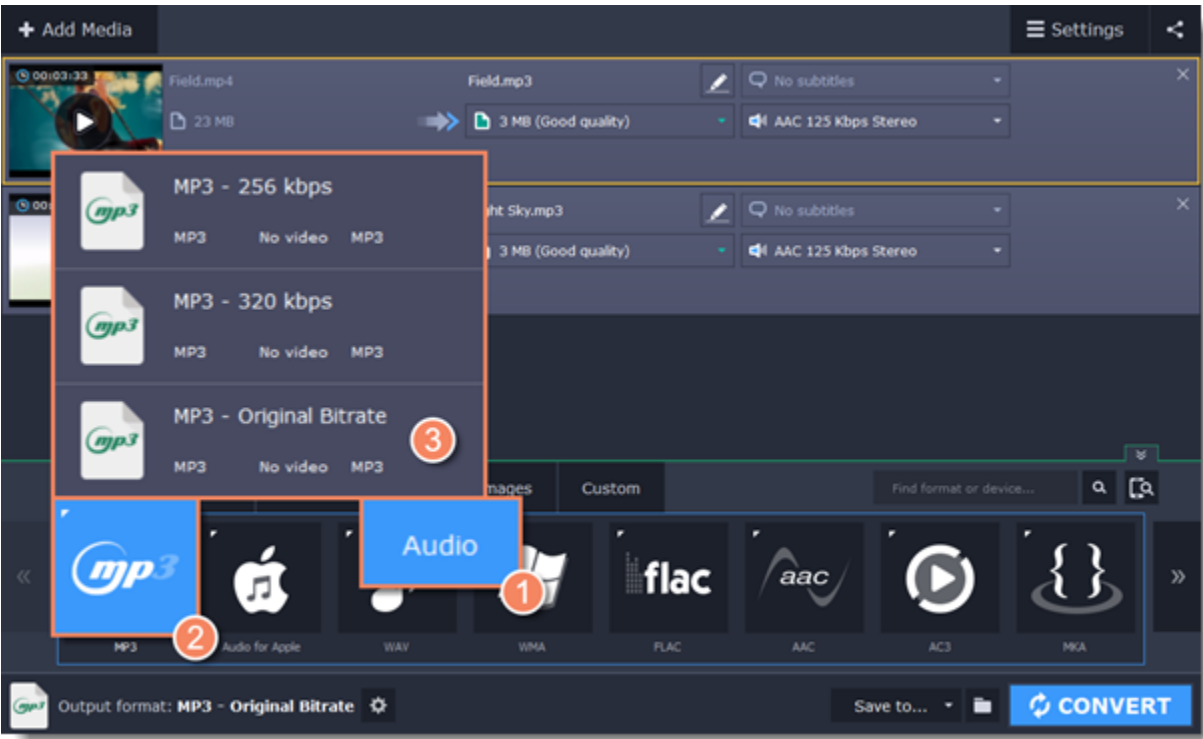
Step 1: Open the video

[Open the video](#) file that you want to extract the soundtrack from.



Step 2: Choose an audio format

- 1. Click the **Audio** tab in the lower half of the window.
- 2. Click the audio format you want to use.
 - If you're not sure, use the MP3 format: it is supported by most players and allows for a decent quality.
 - If you want to convert audio with **multichannel** sound, you can use WAV, OGG, or FLAC formats.
- 3. Choose the necessary bitrate (quality) from the pop-up list. Choose *Original bitrate* if you want to keep the original quality.



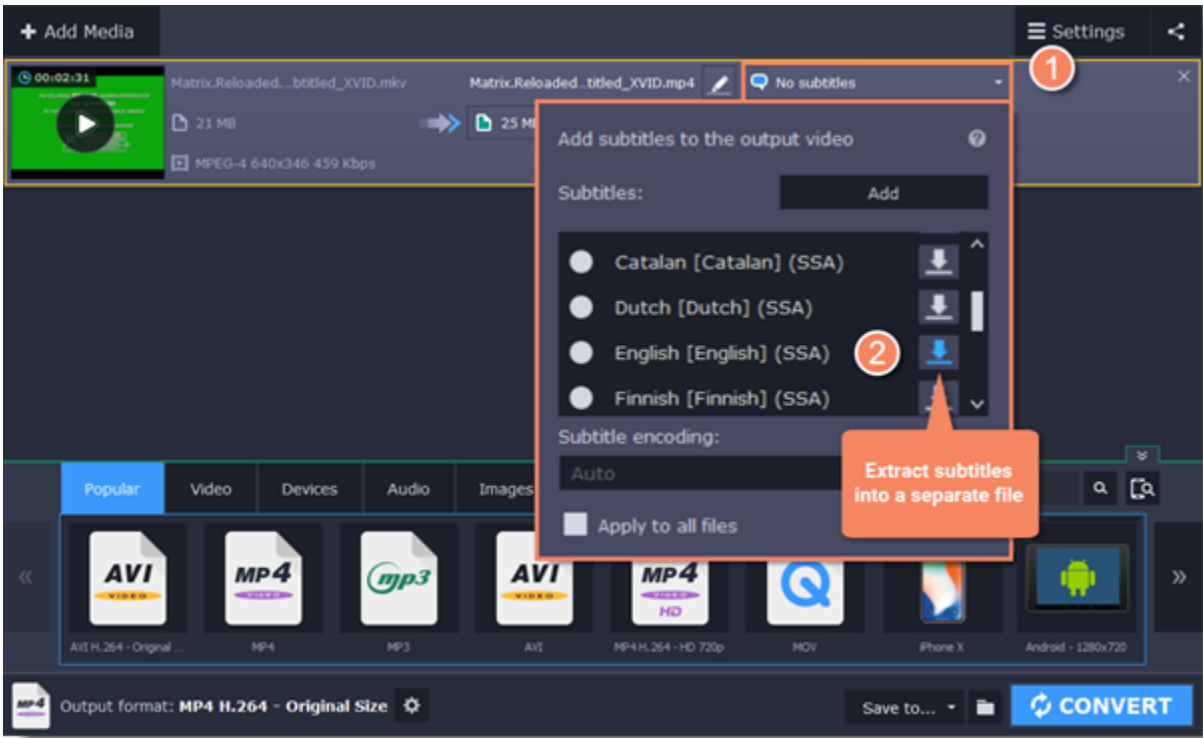
Step 3: Convert

Click **CONVERT** to save the selected audio fragment.

Extracting subtitles

- Step 1: Click on the **subtitles field** next to the video you want to extract subtitles from.

Make sure to choose the video format.



Step 2: In the pop-up menu, click the **Extract subtitles into a separate file** button.

Now, the file with the extracted subtitles will be saved by default in *Movavi Library folder*.

The file will be automatically shown in folder at the end of the extracting process.

Compressing videos

Compressing videos can help reduce the size of the output file by reducing their bitrate. When you compress a video, it loses some of its original quality, but even a small bitrate reduction can make the file significantly smaller.

Step 1: Add files

[Open the files](#) you want to compress.

Step 2: Choose the output format

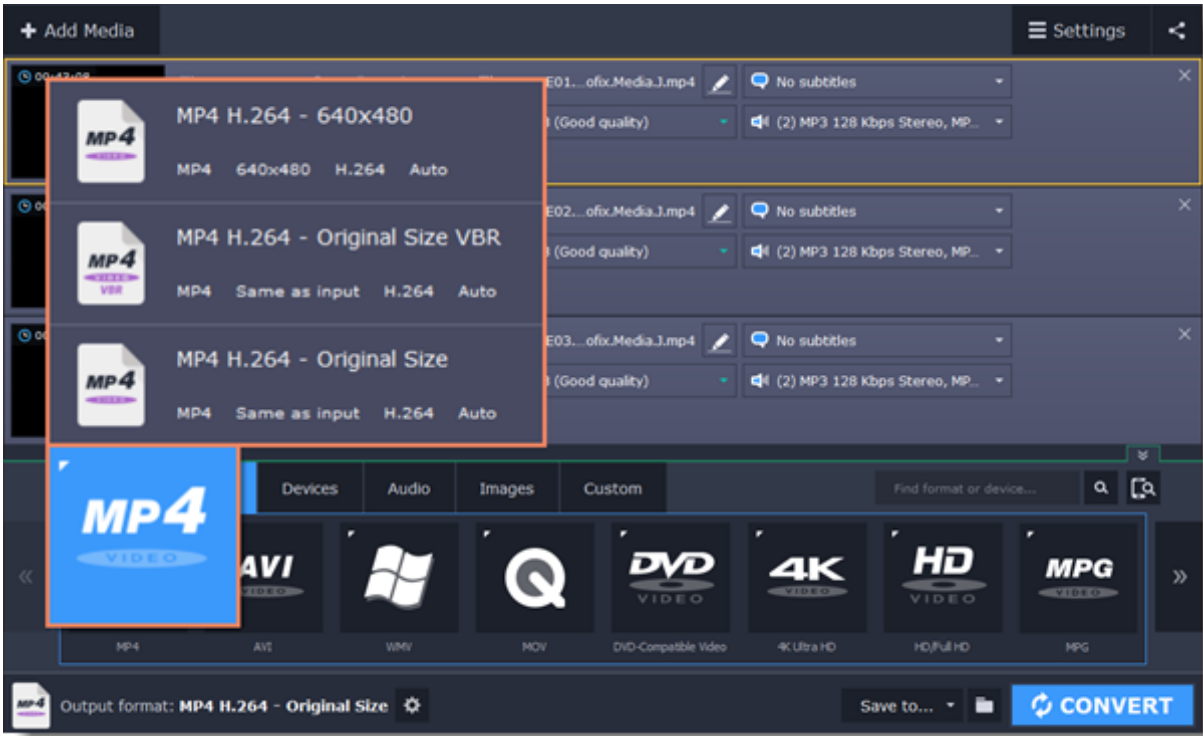
The video's format and resolution play a very important role in the output file size.

1. Click the **Video** tab to see a list of video formats.

2. Click the format you want to convert the videos to.

*Hint: Some formats and codecs compress video better than others. If you're not sure which format to choose, use the **MP4** format with the **H.264** codec for the best size to quality ratio.*

3. From the format list, choose the resolution that you want to use.



Choosing the resolution

A video's resolution is the number of pixels in every frame. A higher resolution can preserve more information and quality, but it also requires more disk space. Select a slightly lower resolution if the video is very large. For example, you can convert 1080p videos to 720p.

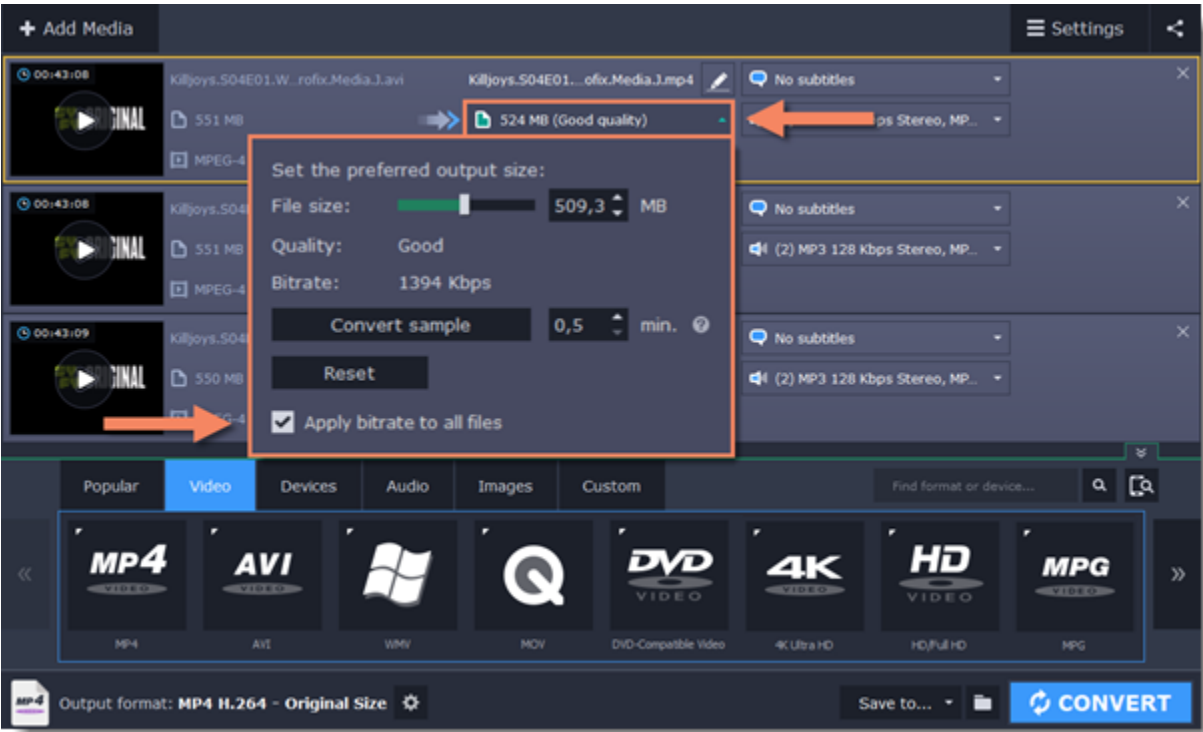
[Learn more](#)

Step 3: Compress video

1. In the file list, check the file's output size in the second column from the left.

2. Click the file size information to show compression options. There, drag the **file size** slider to the necessary file size while keeping an eye on the quality below.

3. Click **Apply bitrate to all files** in the compression box if you want to unify quality of the files.

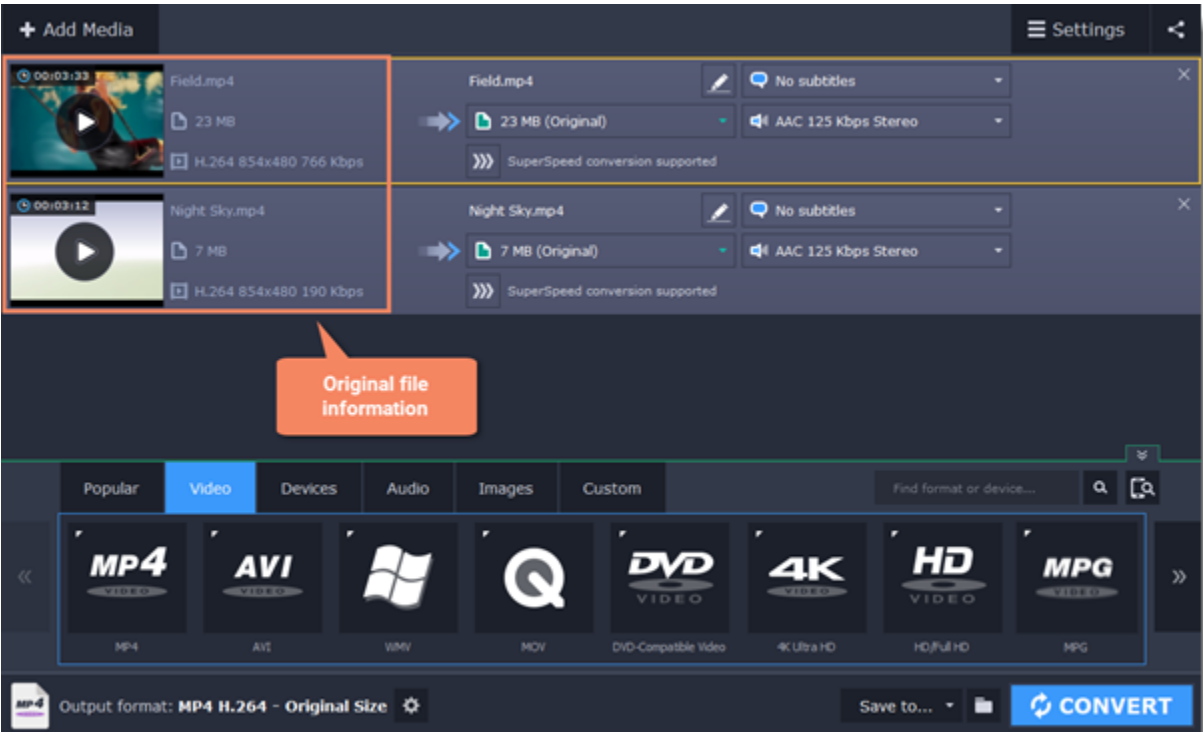


Step 4: Convert

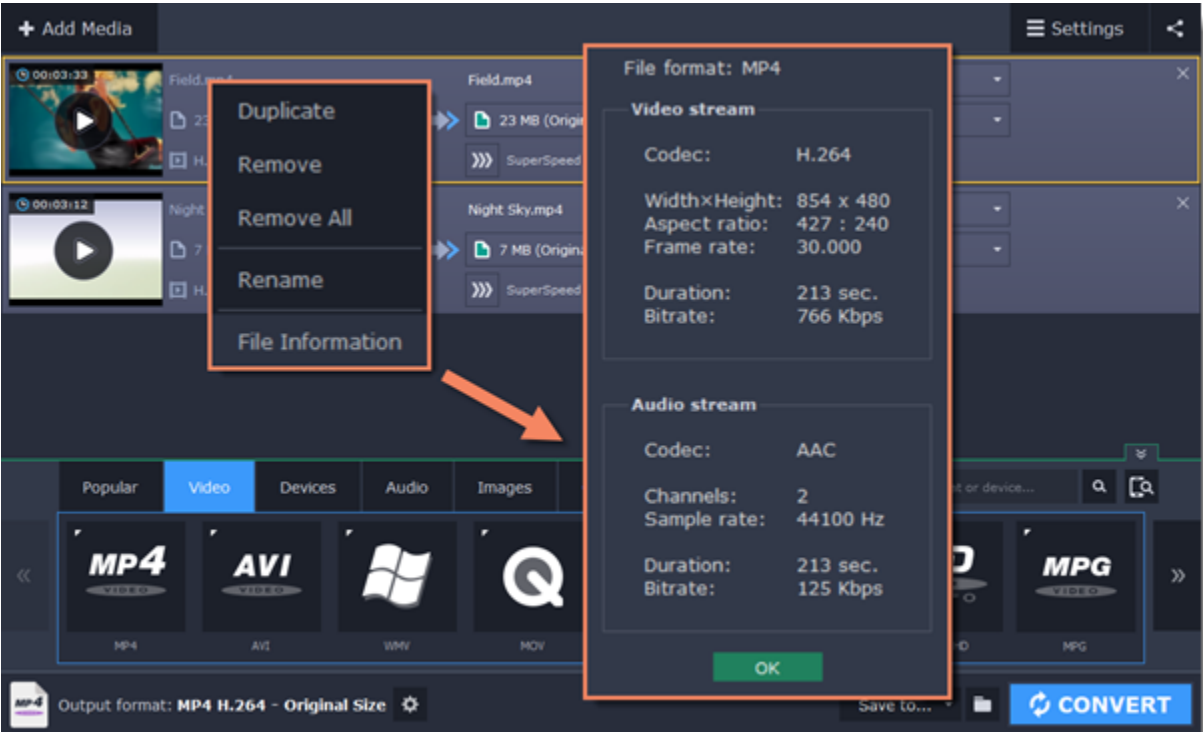
Click **CONVERT** to start processing the compressed file.

Media information

In the leftmost column of the file list, you can see the general information about the file, including its original size, video codec, resolution, and bitrate.



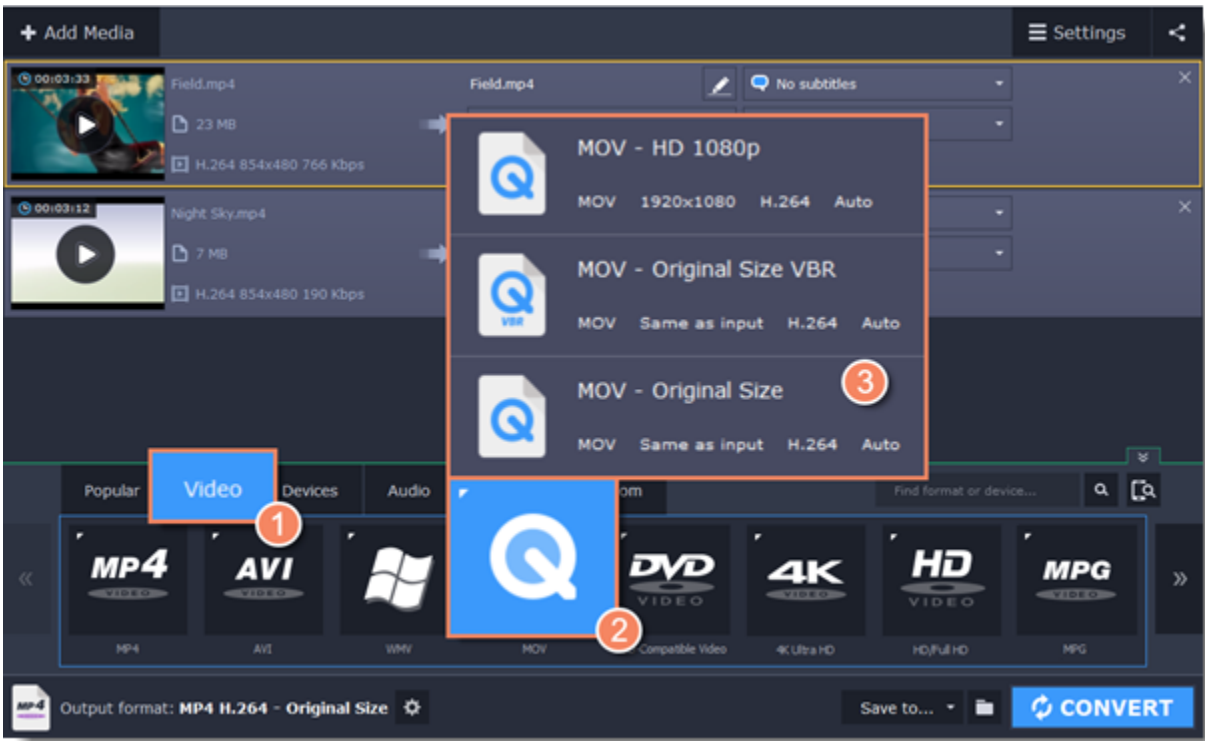
To get more details, right-click the file and choose **File Information** from the pop-up menu. Here, you can see all the information about the original file's video and audio streams.



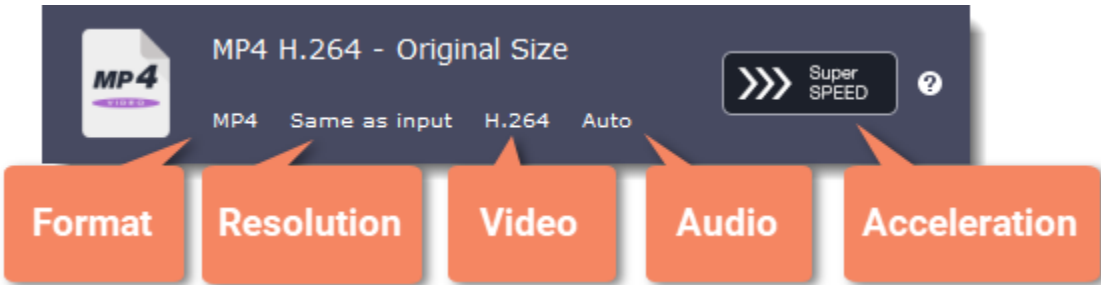
Choosing output format

After you've [added media files](#), it's time to choose the output format for converting all of the files in the list. Follow the steps below to choose a video output format.

- Step 1:** In the lower half of the window, click the **Video** tab to see a list of video formats.
- Step 2:** Click the video format that you want to convert the files to. A list of presets for this format will appear.
- Step 3:** Choose the video codec and resolution that you want to use.
To convert without changing the resolution, choose the preset marked with "Original size" or "Same as input".



Each preset displays information about the video, audio, and other output parameters that can help you choose the right one.



Choosing the right resolution
A video's resolution is its size in pixels, horizontally and vertically. It is usually listed as the width times height: 1920x1080, or just the height: 1080p. This means that the video is 1920 pixels long and 1080 pixels tall. The higher a video's resolution, and the more pixels it has, the more detail it can preserve.

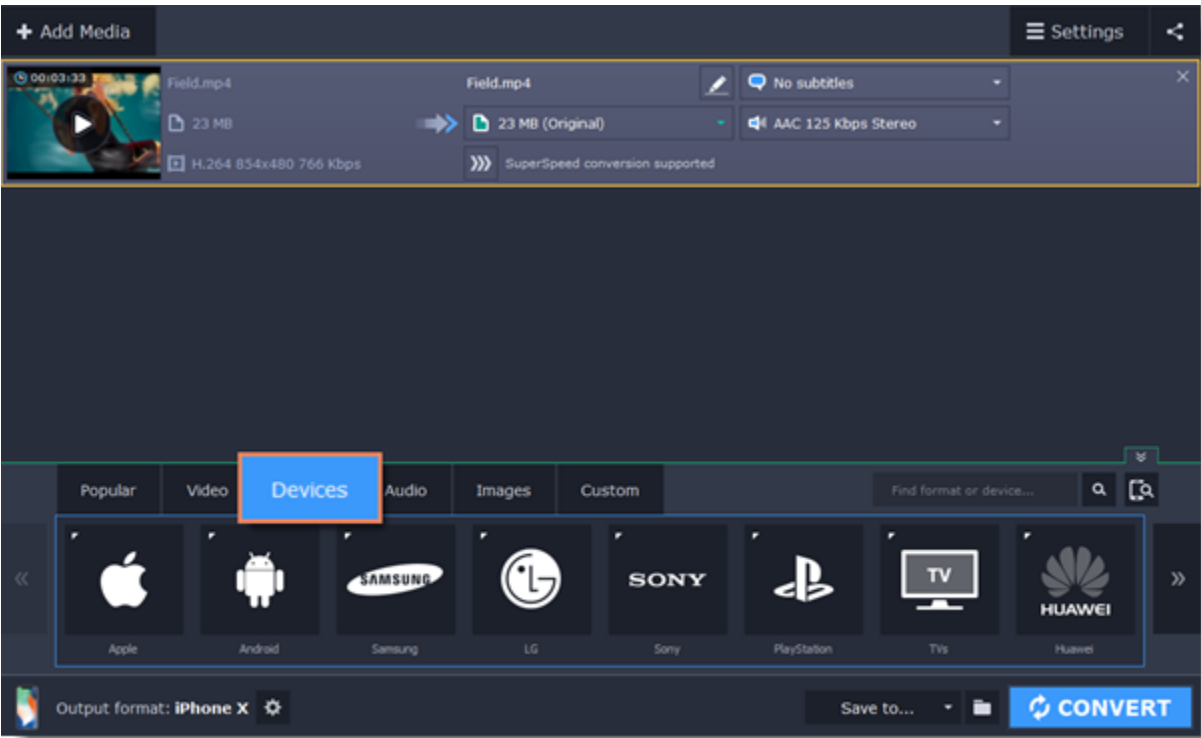
First of all, you need to know the original file's resolution. To do that, check the video information next to the file's preview. When you choose the output resolution, select the same resolution to preserve the original quality, or choose a lower resolution to reduce the file size.

Advanced settings
If you can't find a suitable preset, you can select the necessary properties manually. Click the **Customize** button next to the 'Output format' box to modify the video and audio properties of the currently selected preset.
[Learn more](#)

Choosing a format for devices

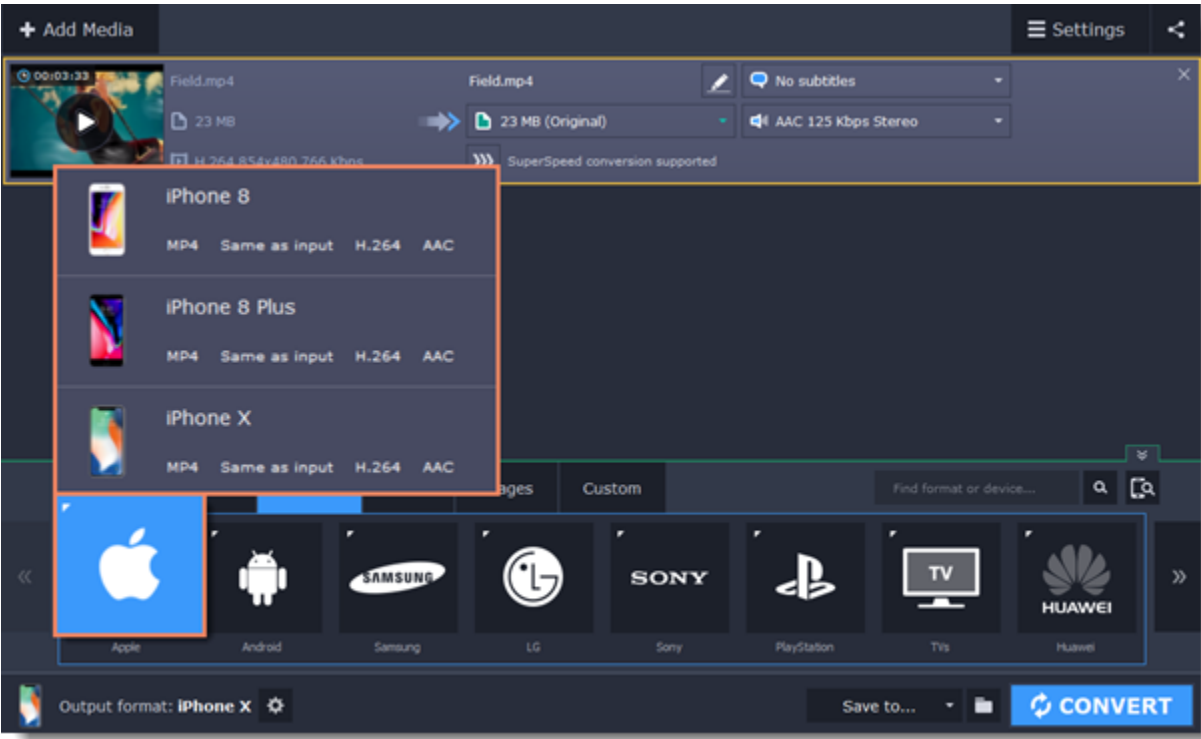
If you are planning to watch some videos on your device, convert them first to save space and make sure that they can be opened with the built-in player.

- Step 1:** Click the **Devices** tab in the lower half of the window.



Step 2: Use the arrows to scroll through the list and find your device's manufacturer.

Step 3: Click on the manufacturer to open the list of devices. Choose your device model from the list. Now, the output format, resolution and other parameters have been set to what's best for this device.
If you cannot find your device in the list, try choosing a preset for a similar model.

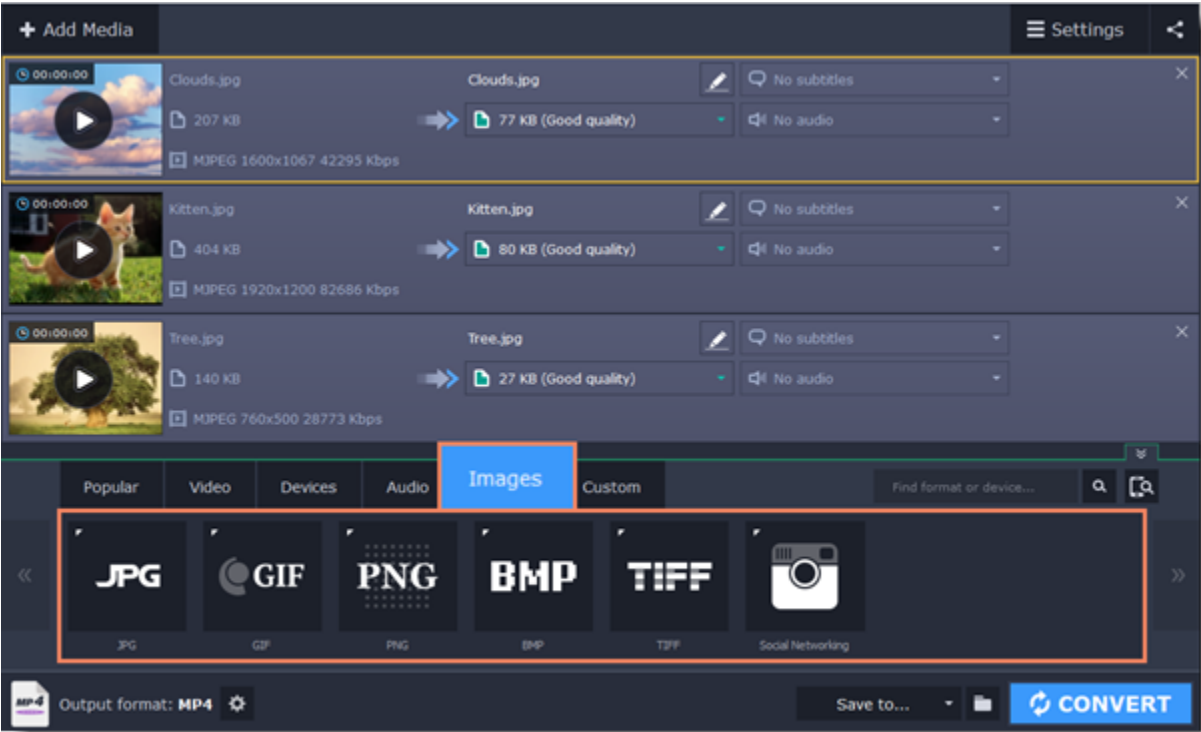


See also:
[Automatic device recognition](#)

Choosing an image format

If you come across a rare image format, you can batch convert images to a more popular format.

Step 1: Click the **Images** tab to see a list of image formats.



Step 2: Click the format you want to use and then click the preset for that format.

Social networking

Websites often have limits on the maximum image size you can upload. If you're planning to upload the photos to a social network or make an avatar, click the **Social Networking** group and select where you want to upload the files. The image size and format will be set to those accepted by the selected website.

GIF images

Using the image presets in the GIF format group, you can create both static and animated GIFs. Simply choose the GIF size that you want: smaller GIFs will load much faster, but larger GIFs let you see all the detail.

See also:
[How to convert images](#)

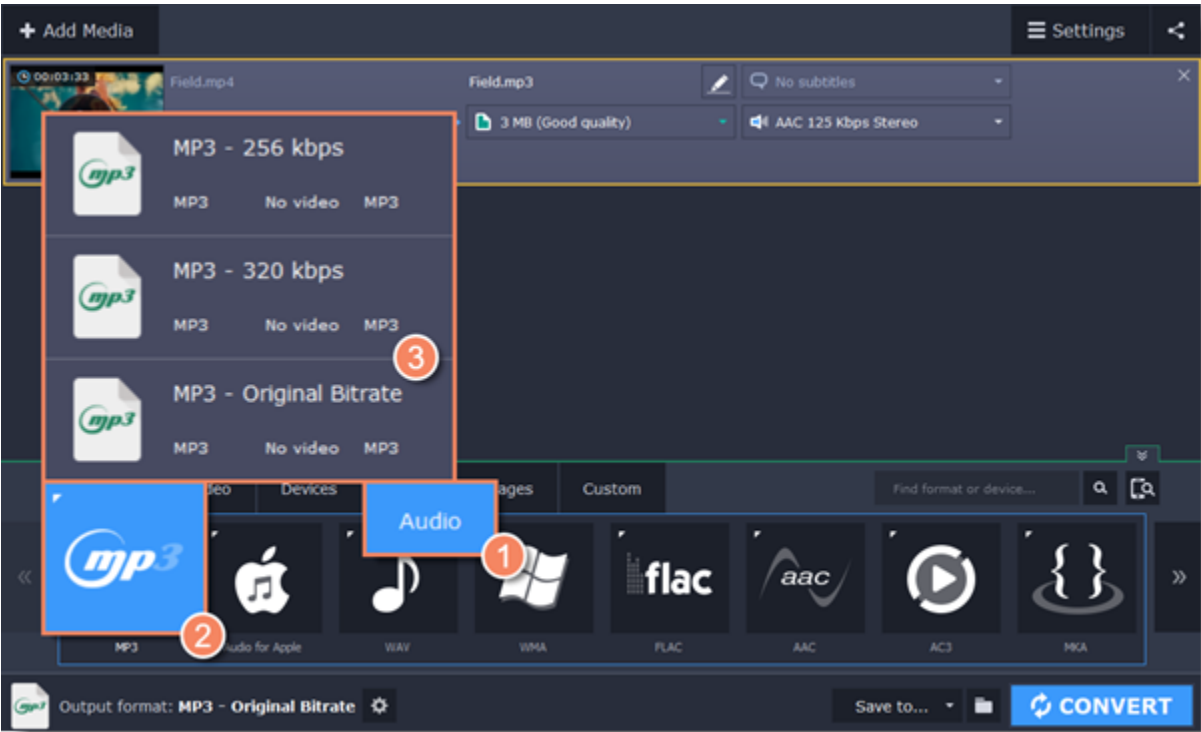
Choosing an audio format

Follow the steps below to set an audio format for the output files. You can convert files with the original bitrate, or save space by converting FLAC to MP3.

Step 1: In the lower part of the window, click the **Audio** tab to see the list of audio formats.

Step 2: Click the format you want to convert the audio to.

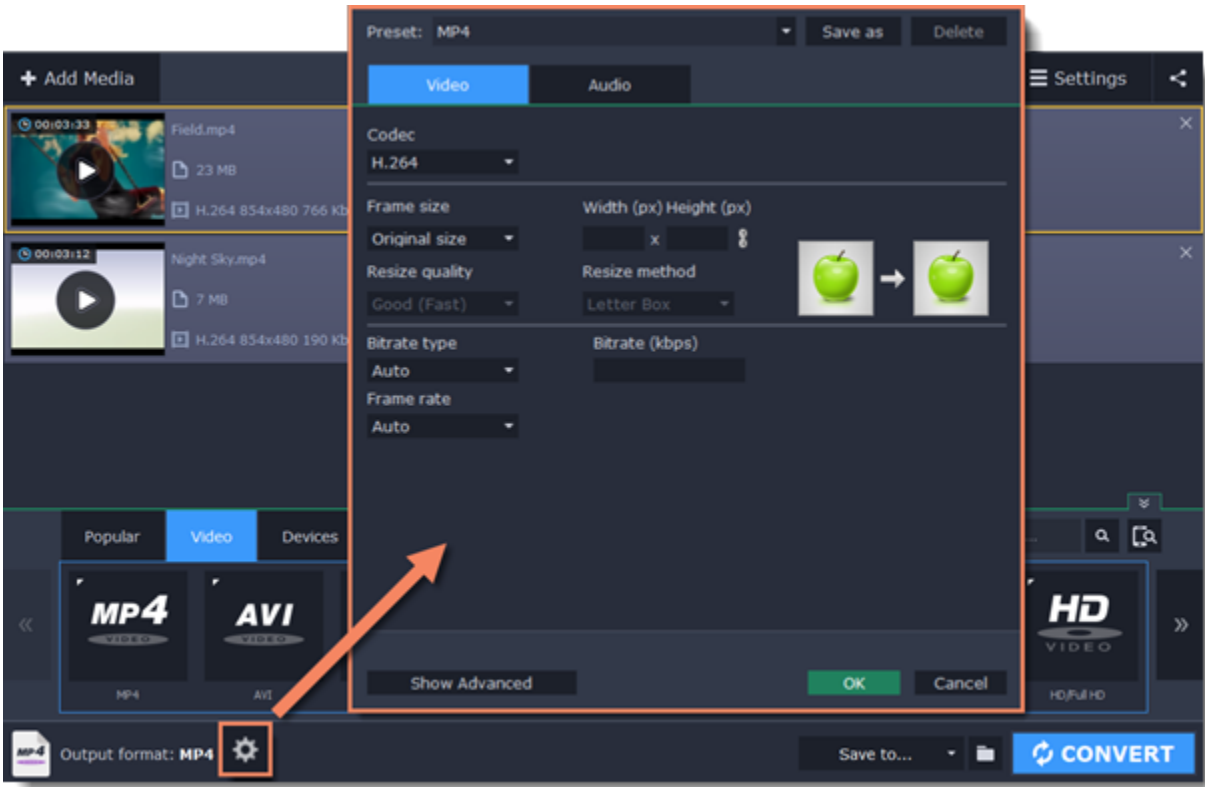
Step 3: Choose the bitrate that you want to use. To convert without changing the bitrate, choose the preset marked with *"Original bitrate"*.



Bitrate – the bitrate reflects the amount of data in kilobits that is played back each second (measured in kbps). 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.

Customizing presets

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



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

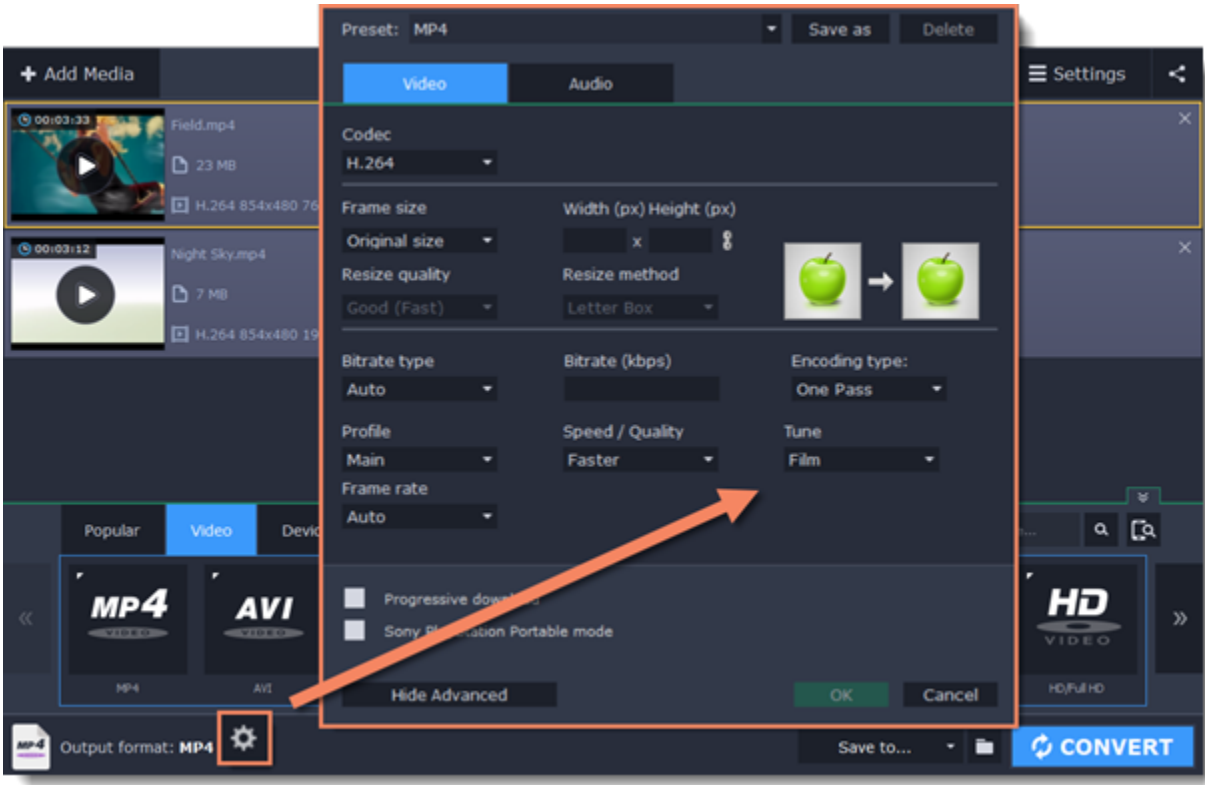
Two Pass Encoding

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.

Tune settings

You can use **Tune** for advanced settings of H.264 videos.



Tune optimizes the preset settings for the best quality depending on the type of the input video:

- **Film** – for action movie content
- **Animation** – for animated cartoons
- **Grain** – for grainy, detailed video material
- **Stillimage** – for still image footage
- **PSNR** – for achieving high peak signal to noise ratio
- **SSIM** – optimization for structural similarity
- **Fast Decode** – for faster decoding
- **Zero Latency** – for streaming video.

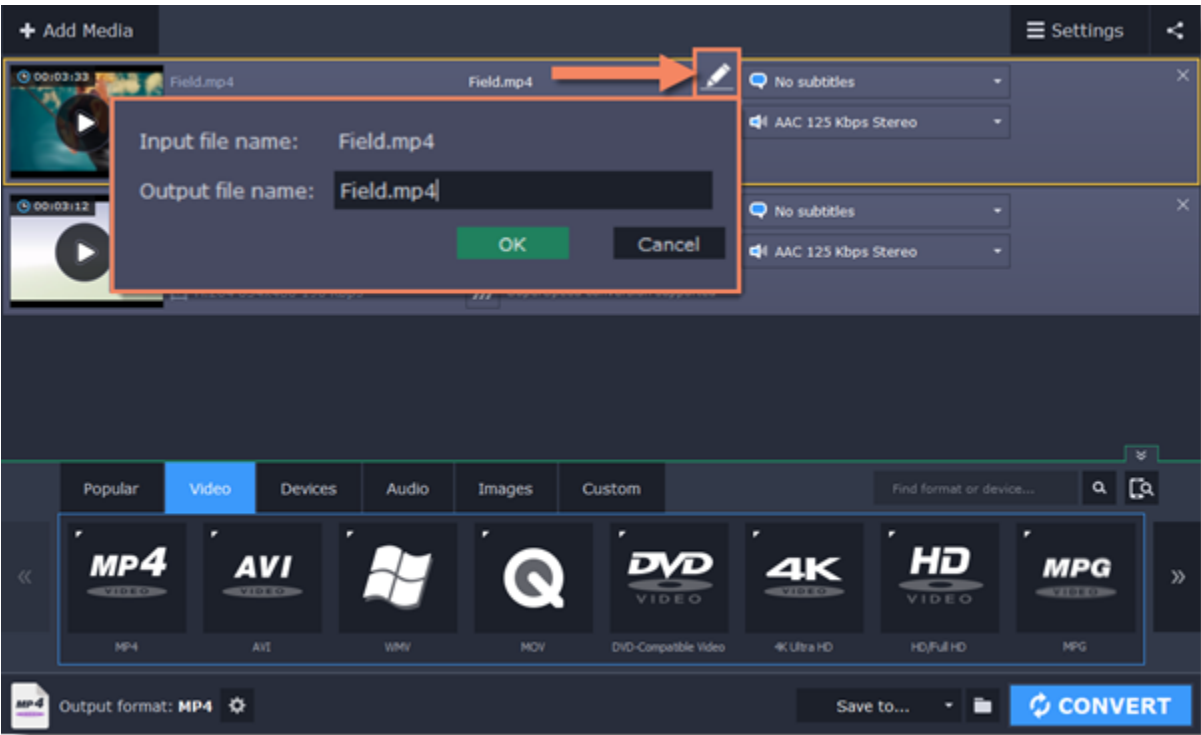
Renaming files

Before you convert files, you can change the name of each output file.

Step 1: Click the pencil icon  next to the output file name in the second column of the file list.

Step 2: Enter the new name into the **Output file name** box.

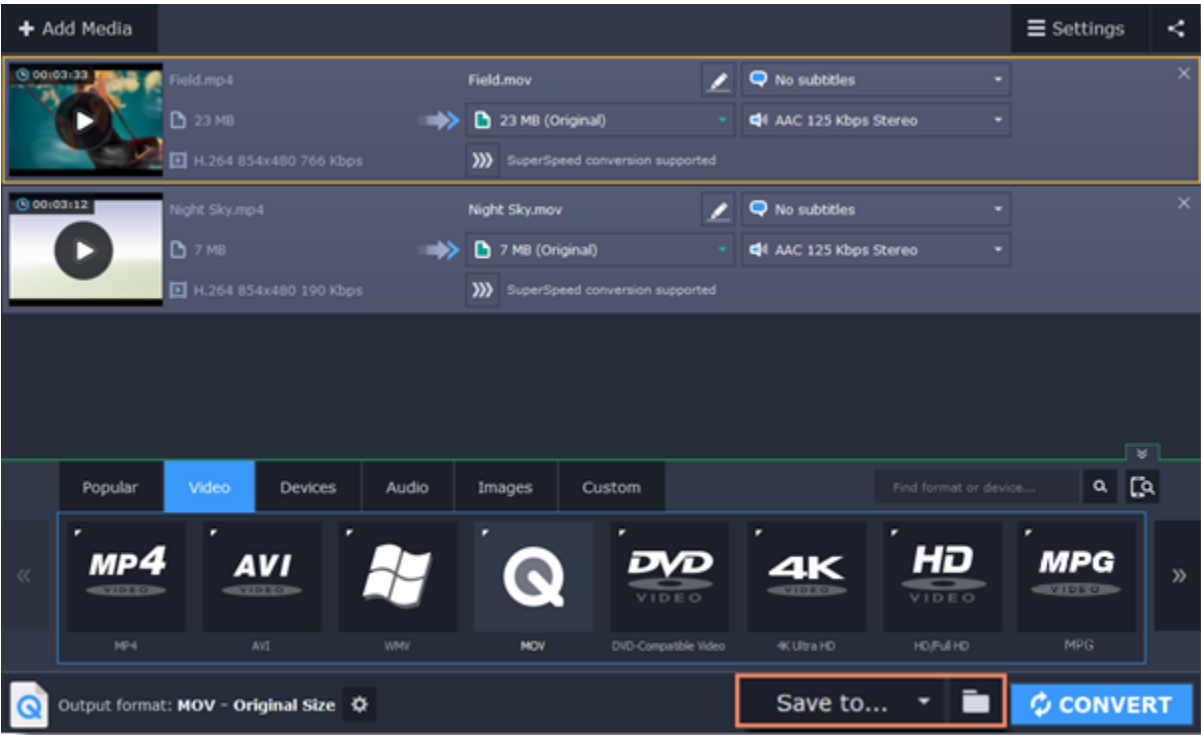
Step 3: Click **OK** to accept the changes.



Now, the output file will be converted with this name.

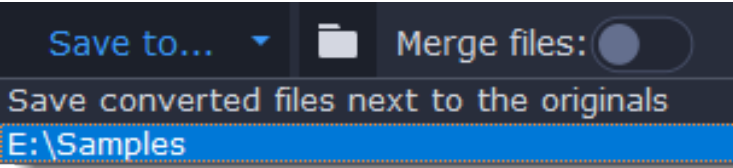
Changing output folder

When your files are converted, the new files will be created in the folder listed in the **Save to** box at the bottom of the window:



To change where new files are stored, click the folder icon next to the **Save to** box and choose the folder you want to use.

If you want to save the new files in the same folder as the original files, click the arrow on the **Save to** box and choose **Save converted files next to the originals**.



Sharing and exporting

After the files are converted, you can easily share them with your friends and family on the Internet.

Before you start


To upload files online, you will need the free Share Online application installed on your computer.

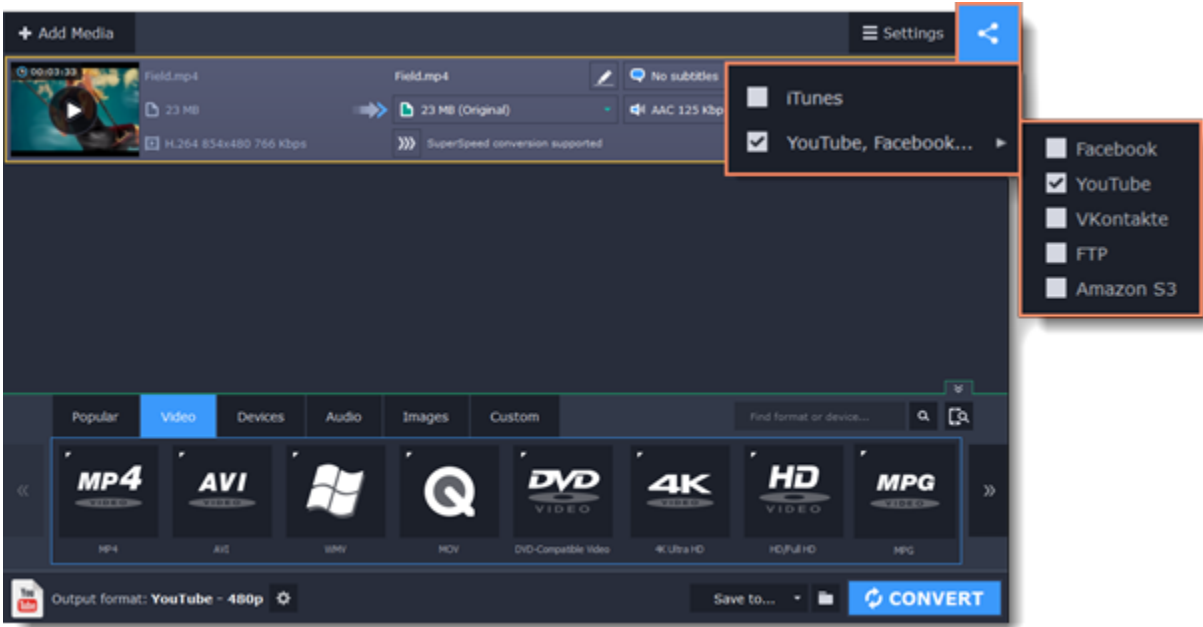
[Download Share Online](#)

Step 1: Prepare the files

1. Open the files you want to convert. [Opening media](#)
2. Choose an output format. [Choosing output format](#)

Step 2: Select services for uploading

1. At the top of the window, click the upload button  at the top.
2. Click **YouTube**, **Facebook** in the pop-up list.
3. Another list will appear. Select the services or websites where you want to upload your files.



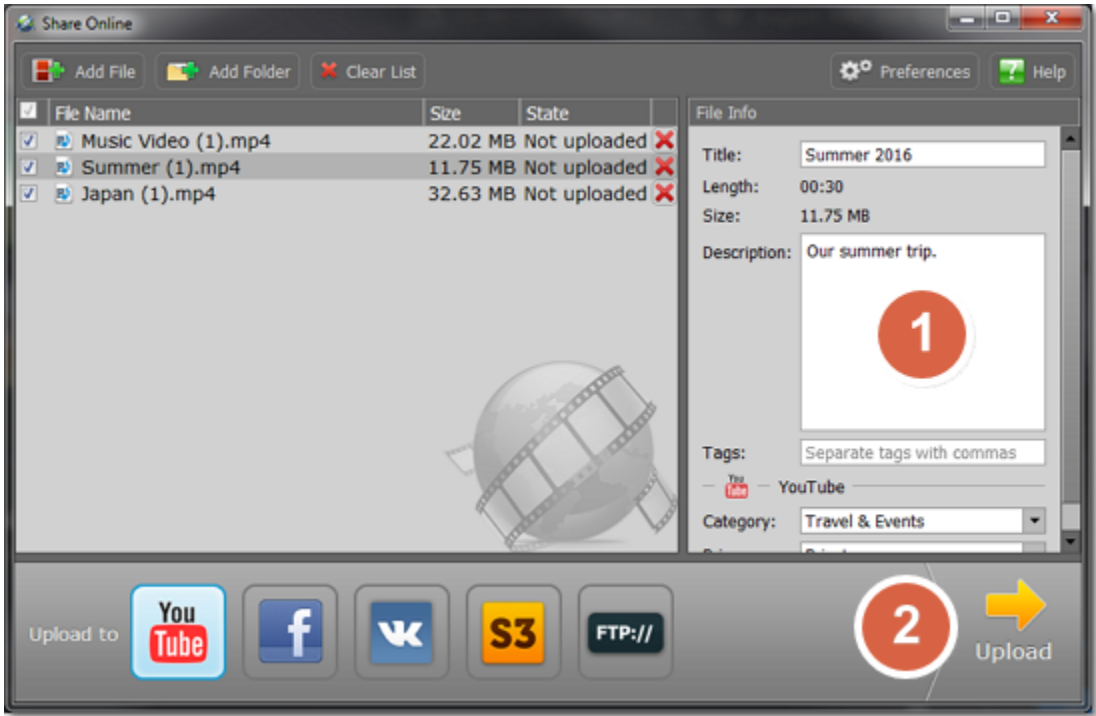
Step 3: Convert files

Click **CONVERT** to start processing your files. When conversion is finished, the Share Online window will open with the new files, ready to upload.

Step 4: Upload files

If you haven't used Share Online before, you will be asked to log in to the websites you've selected.
Share Online uses the services' own authentication and does not store your login data to keep your privacy safe.

- 1. In the Share Online window, click a file in the list. Information about this file will appear on the right. Fill in the title, description, and privacy settings for the selected websites. Repeat this for all files in the list.
- 2. Click **Upload** to start uploading the files to the selected services.



Uploading files to iTunes

Adding converted videos and music to your iTunes library will allow you to play them on any of your devices connected to the same iTunes account.

Before you start

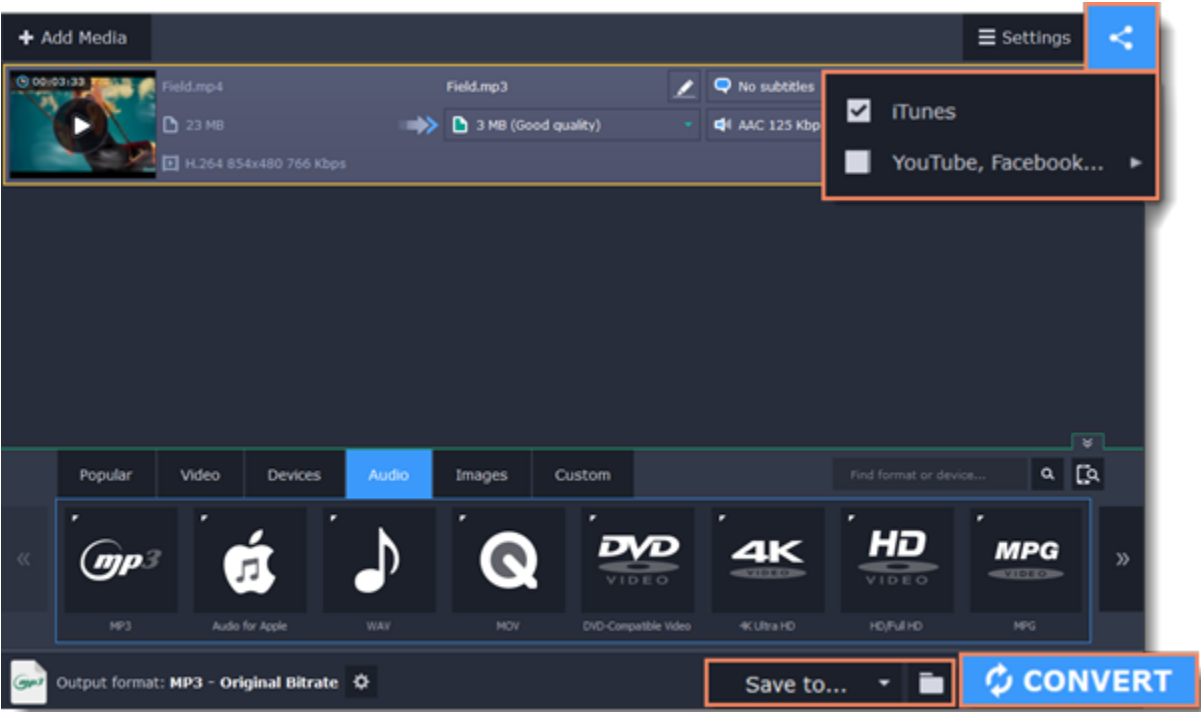
To upload files to iTunes, you will need iTunes 6.0 or higher installed on your computer.
[Download iTunes](#)

Step 1: Prepare the files

- 1. Open the files you want to convert. [Opening media](#)
- 2. Choose an output format. [Choosing output format](#)

Step 2: Choose iTunes uploading

- 1. Click the upload button  at the top of the window.
- 2. Select **iTunes** from the pop-up list.



Step 3: Convert files

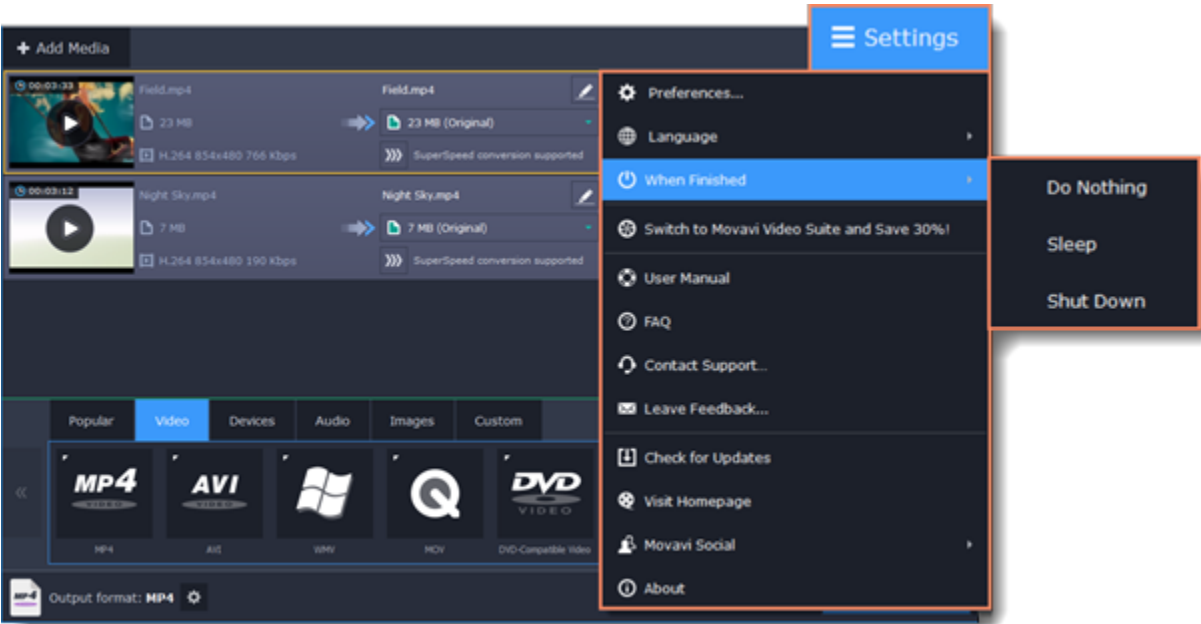
Click **CONVERT** to start processing your files. After conversion is completed, the files will be uploaded to your iTunes cloud storage.

iTunes® is a trademark of Apple Inc.

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. Click the **Settings** button in the upper right-hand corner of the window.
- 2. Click the **When finished** menu to see the energy-saving options.
- 3. Select one of the following:
 - **Do nothing** – the conversion will run as usual, and your computer will stay on.
 - **Hibernate** – your computer will hibernate after conversion is completed.
 - **Shut down** – your computer will turn off after conversion is completed. We recommend that you close any other applications that may prevent your computer from shutting down.



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 start the converter, the energy-saving options will be automatically turned off.

Accelerating conversion

Here are some things you can do to convert videos even faster.

Use SuperSpeed mode

When converting to a format with the same video codec as the original, SuperSpeed mode can convert videos up to 79x faster. To accelerate conversion, use formats and presets marked with the **SuperSPEED** badge.

[Learn more about SuperSpeed](#)



Take advantage of your hardware

Movavi Video Converter is optimized for the latest hardware, allowing you to use your computer's full potential when converting videos.

NVIDIA hardware acceleration

If you have one of the latest NVIDIA graphics card that support the **CUDA™** or **NVENC™** technologies, you can enjoy faster conversion *and* smoother performance by using the graphics card for video processing. When choosing an output format, look for presets with the **NVIDIA CUDA** or **NVIDIA NVENC** badge. [Learn more about NVIDIA acceleration](#)



Intel hardware acceleration

If you have one of the latest Intel® processors, you can use the built-in graphics chip to accelerate conversion of H.264 and MPEG-2 video. When choosing an output format, use presets with the Intel HD Graphics™ badge to accelerate conversion. [Learn more about Intel acceleration](#)



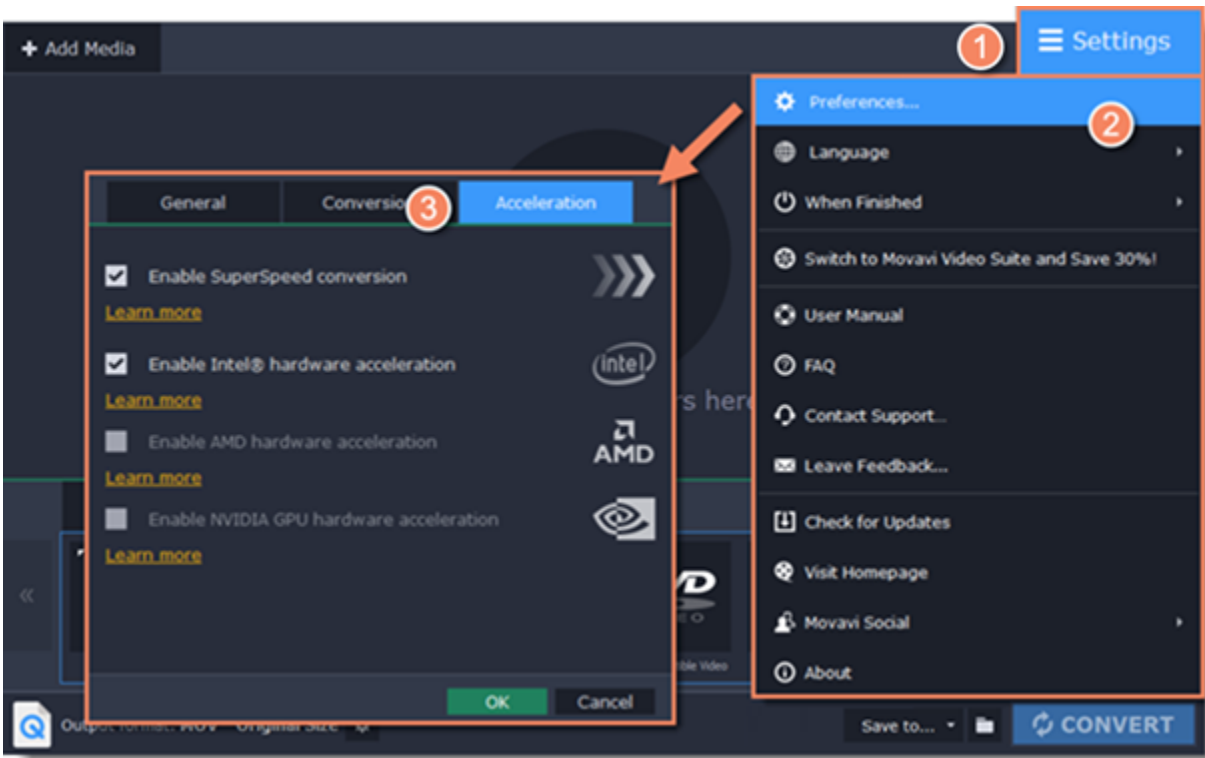
AMD hardware acceleration

If you have one of the latest AMD graphics card that support the Video Coding Engine technologies, you can enjoy faster conversion up to 2,5x faster to H.264 and H.265. When choosing an output format, look for presets with the **AMD Video Coding Engine** badge. [Learn more about AMD acceleration](#)



Enabling acceleration

To enable these acceleration options, click the **Settings** button in the converter window, and choose **Preferences** from the pop-up menu. In the preferences, switch to the **Acceleration** tab and select the available acceleration options.



*Intel HD Graphics is a trademark of Intel Corporation.
NVENC and CUDA is a trademark of NVIDIA Corporation.*

SuperSpeed conversion

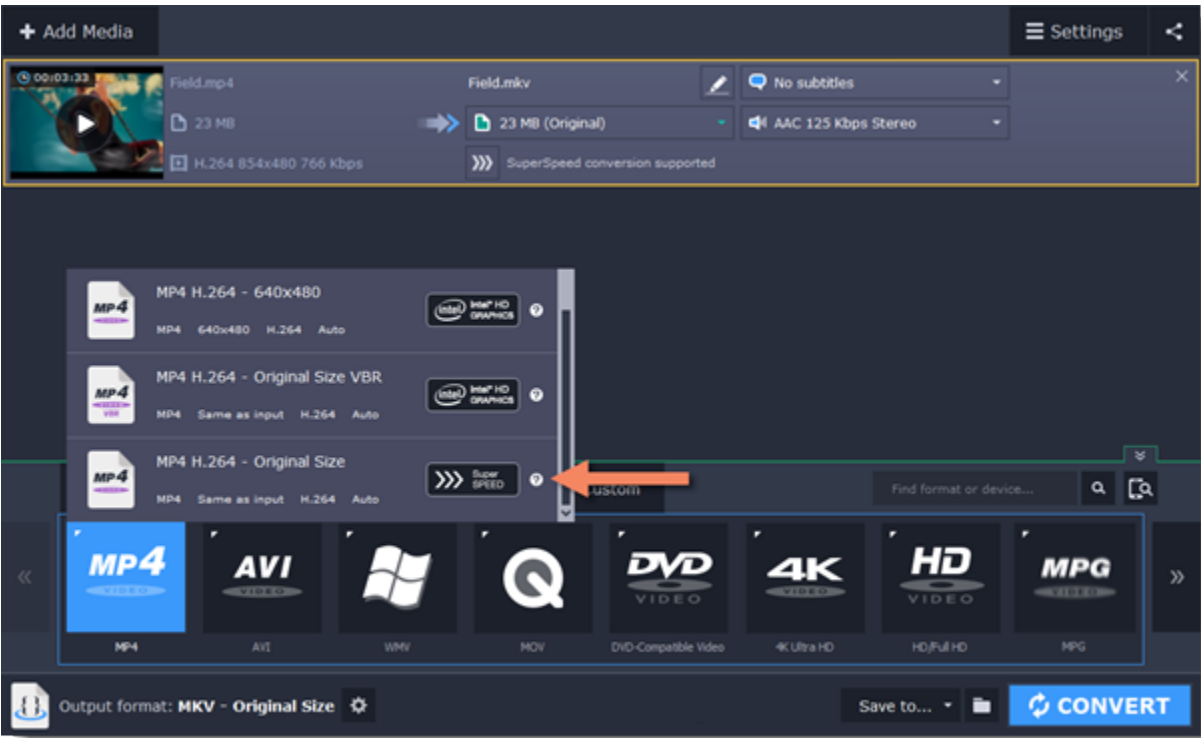
SuperSpeed mode allows you to convert video files much faster than usual without losing any quality. When you convert videos, encoding the video from one codec to another takes the most time. If you don't need to change the video codec or resolution, the video data can simply be copied to the new file, without having to convert it. This is also sometimes called *remultiplexing* or *remuxing*.

When can it be used?

- SuperSpeed mode can be used any time when the video stream in the output file is the same as the original:
- The output codec is the same as the video codec in the original file (*e.g. when converting MKV files with the H.264 codec to MP4 files with the H.264 codec*)
 - The output resolution is the same as the original
 - No video adjustments are used. *This includes stabilization, video adjustments, denoising, subtitles, watermark, crop, and rotation.*
 - No video compression is used.
 - You can still enjoy SuperSpeed conversion when trimming files.

How to use SuperSpeed conversion

To use SuperSpeed conversion mode, choose output presets marked with the SuperSpeed badge:



This can be a video format or a device preset that has the same codec and resolution as your original files.

Intel Hardware acceleration

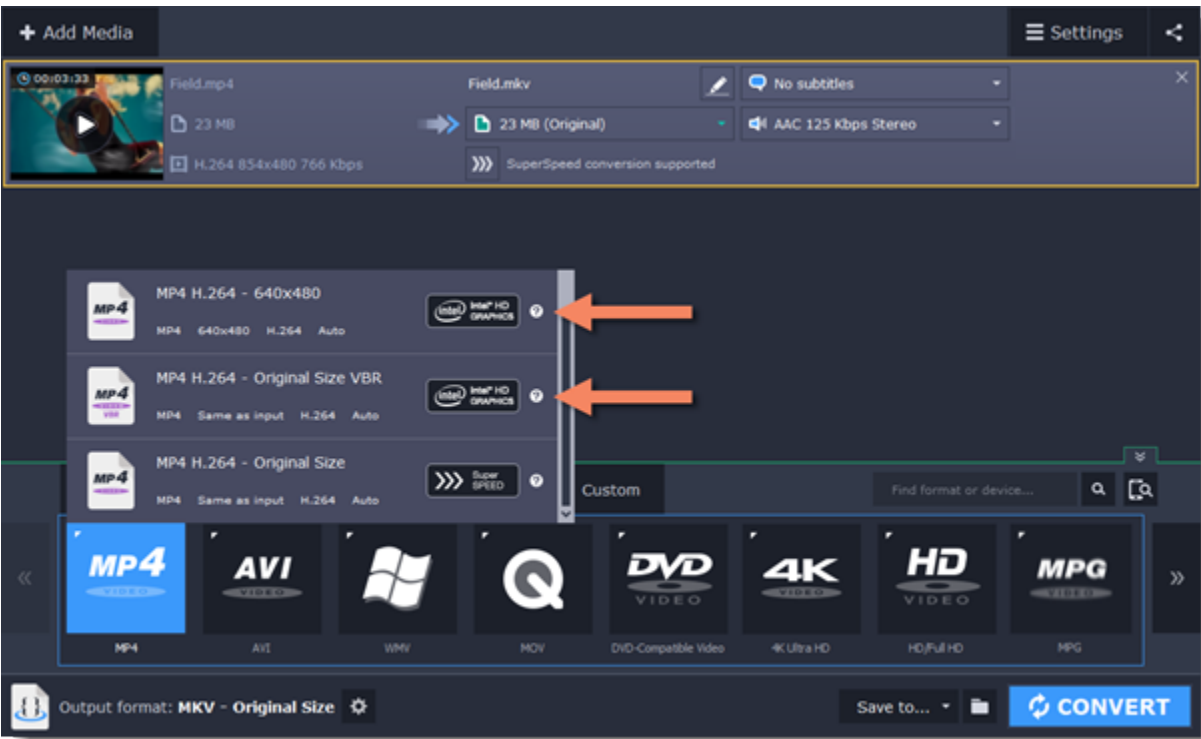
If you have one of the latest Intel processors, you can use the built-in graphics chip to accelerate conversion of H.264 and MPEG-2 video.

Compatible processors

Intel hardware acceleration is available on Intel® Core™ i3, i5, and i7 processor series. For a full list of processors that support integrated graphics, please consult [the Intel support center](#).

How to use Intel acceleration

You can enjoy Intel acceleration when converting videos to H.264 and MPEG-2 codecs. When selecting an output format, choose formats and presets marked with the **Intel® HD GRAPHICS** badge. Conversion to these output formats will be accelerated.



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.

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](#).
- Try disabling Intel acceleration in the [preferences](#).

Intel HD Graphics is a trademark of Intel Corporation.

NVIDIA Hardware acceleration

If you have one of the latest NVIDIA® graphics cards, you can use its graphics processing power for converting videos. Using the graphics card instead of the processor leaves your CPU free for other tasks, and you can use your computer without stuttering while converting videos.

How to use NVIDIA acceleration

NVIDIA acceleration works when converting any videos to AVI, MP4, FLV, MOV, or MPEG-2 TS formats with the H.264 codec. To accelerate conversion, choose one of these output formats marked with the **NVIDIA CUDA** or **NVIDIA NVENC** badge.



Compatible graphics cards

NVIDIA acceleration supports GeForce, Tesla and Quadro graphics card series. You can find the full list of supported GPUs on NVIDIA®'s official site: [NVIDIA CUDA supported GPUs](#) | [NVIDIA NVENC supported GPUs](#)
Note: NVIDIA acceleration does not support mobile graphics cards.

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.
[NVIDIA Download Center](#) | [Detailed Instructions](#)

Problems while converting video with 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 driver. [Detailed instructions](#)
- Try disabling NVIDIA GPU acceleration on the [Acceleration](#) tab of the [preferences](#).

AMD Hardware acceleration

If you have one of the latest AMD graphics cards, you can use its graphics processing power for converting videos. Using the graphics card instead of the processor leaves your CPU free for other tasks, and you can use your computer without stuttering while converting videos.

How to use AMD acceleration

AMD acceleration works when converting any videos to H.264 codec. It To accelerate conversion, choose one of these output formats marked with the **AMD Video Coding Engine** badge.



Compatible graphics cards

When using the H.264 codec, acceleration will work with graphics cards released after April 2014.

Troubleshooting

How do I find out which GPU my computer has?

1. Right-click on your desktop and choose **Display settings**
2. In the **Display settings** window that appears, click **Advanced display settings**. This will open your GPU's properties.

The Enable NVIDIA GPU Acceleration option is unavailable
If you can't enable NVIDIA acceleration, try updating your graphics card drivers.
[AMD Driver Download Center](#) | [Detailed Instructions](#)

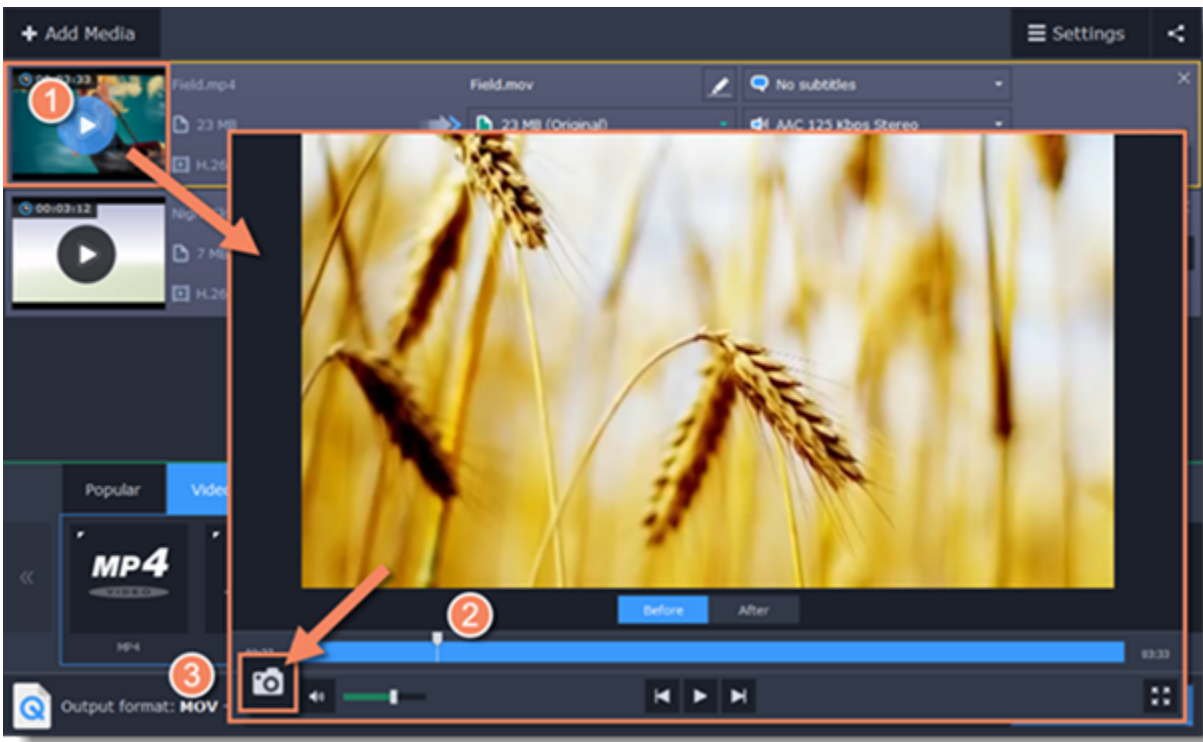
Problems while converting video with AMD acceleration
If the video conversion process is taking longer than expected, or there are defects in the output video file:

- Try updating the graphics card driver. [Detailed instructions](#)
- Try disabling AMD acceleration on the [Acceleration](#) tab of the [preferences](#).

Saving a snapshot

To save a single frame from the video:

Step 1: Click the **Play** button on the video's thumbnail in the list to view the original file.



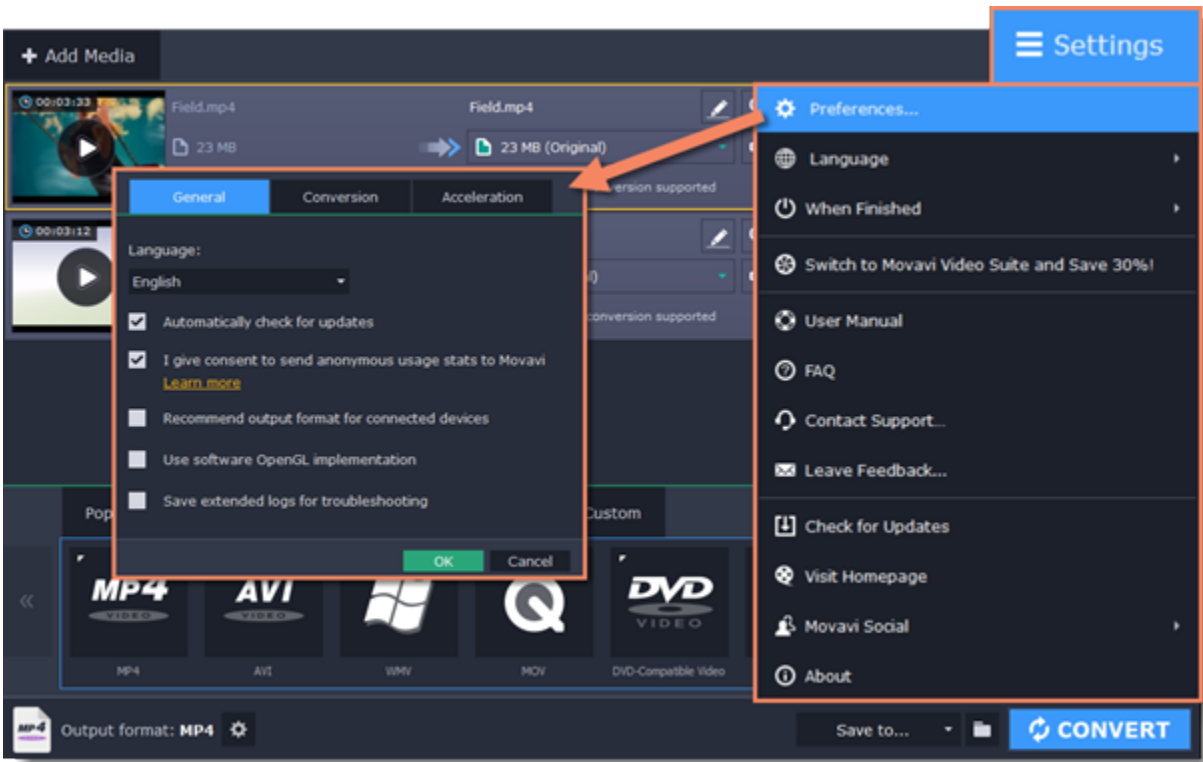
Step 2: In the player window, move to the frame you want to save and click the **Take a Snapshot** button.

Step 3: A **File 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.

Movavi Video Converter Settings and Preferences

To open the converter preferences, click the **Settings** button at the top of the window to open the settings menu. There, click **Preferences**.



The preferences are organized into tabs at the top: General, Conversion, and Acceleration. Click the related tab to find the preferences you need.

[General preferences](#)
[Conversion preferences](#)
[Acceleration preferences](#)

General preferences

On the General tab of the preferences, you can choose the interface language and control how the application behaves.

Automatically check for updates – select this option and you'll be notified whenever a new version is available. Updates within your version are absolutely free (e.g. 1.0 to 1.1), while new releases are offered with a hefty discount to registered users.

Send anonymous usage stats to Movavi – checking this box will allow the program 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 contains no personal information, will not be disclosed to third parties and will be used for software improvement purposes only.

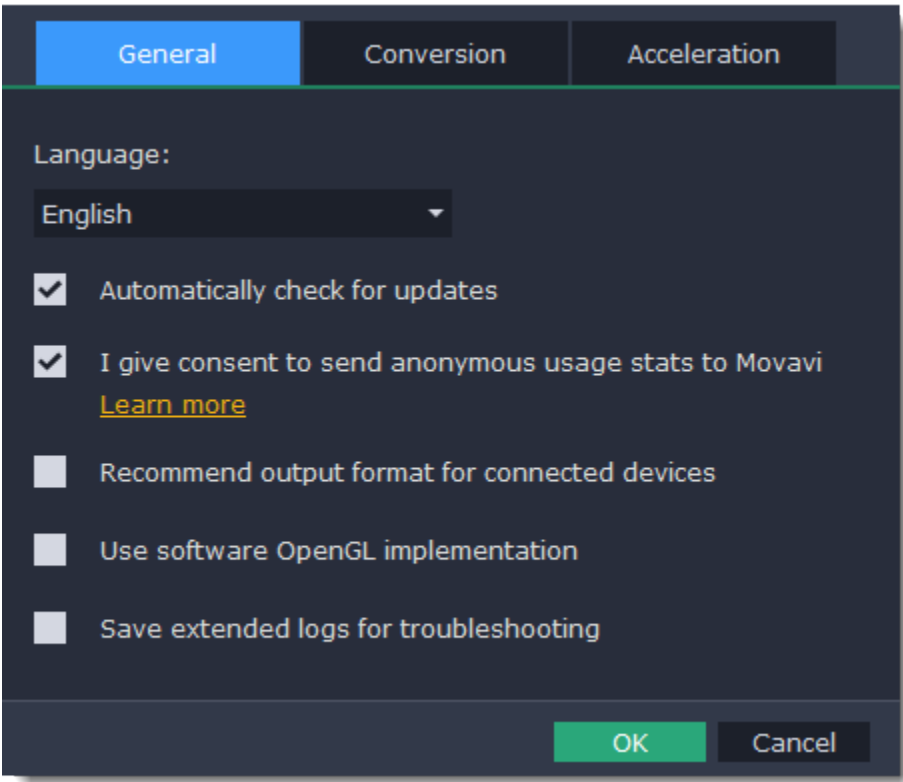
[Learn more about how we use the statistics](#)
[Read our Privacy Policy](#)

Recommend output format for connected devices – when you connect a smartphone or tablet, the program will detect the device and recommend the optimal format for watching videos on it. [Learn more](#)

Use software OpenGL implementation – this option can be useful if your computer doesn't support the necessary OpenGL version and you see an error message when you start the program.

OpenGL is a software interface that manages graphics output. Usually, OpenGL is handled by your graphics card driver. However, some graphics cards do not support the necessary version of OpenGL. For these graphics cards, you can use this option to download and install a software replacement. Installation will run automatically, but you will need an Internet connection to download the files.

If the program works without showing an OpenGL error message, this option is not recommended.
[Learn more about OpenGL troubleshooting](#)



Conversion preferences

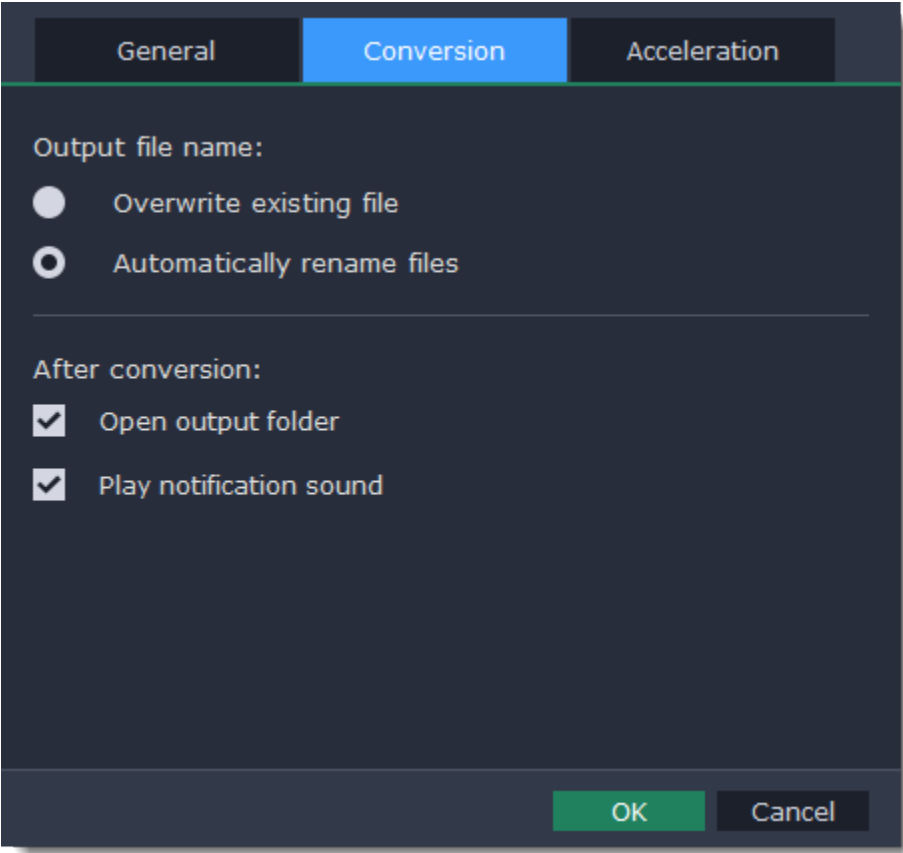
On the **Conversion** tab of the preferences, you can manage how files are converted.

Under *Output file name*, you can choose what happens if a file with the same name already exists in the output folder:

- **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.

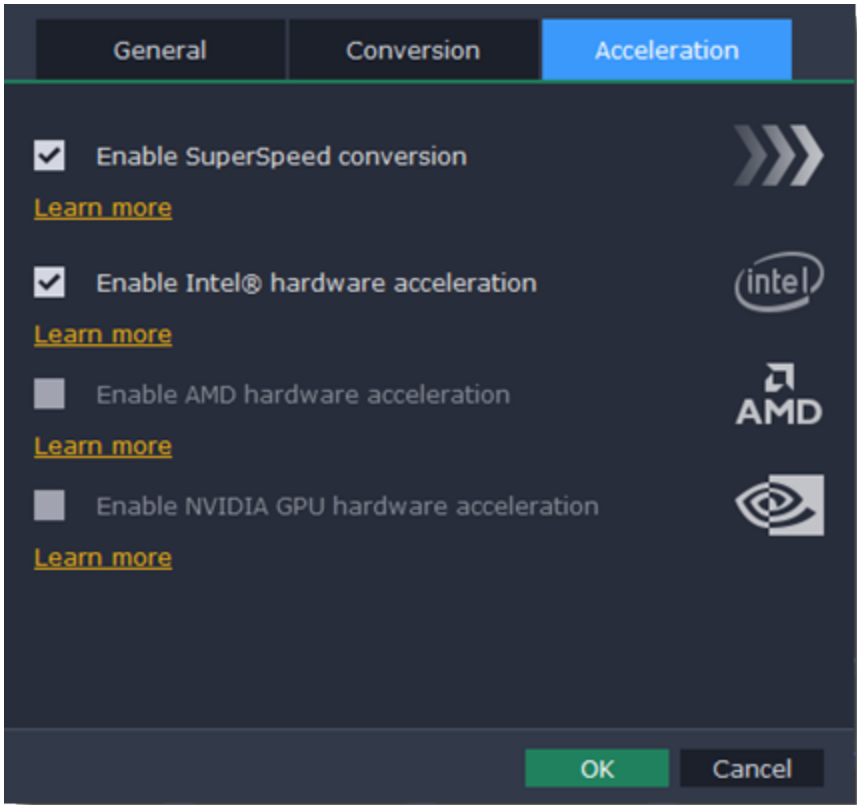
Under *After conversion*, you can choose what happens when conversion is finished:

- **Open output folder:** shows the converted files in the output folder.
- **Play notification sound:** the program will notify you when it has finished converting your files.



Acceleration preferences

On the **Acceleration** tab of the Preferences, you can accelerate conversion using the latest technologies. You can find out more about each acceleration method in the [Accelerating Conversion](#) section.



Enable SuperSpeed conversion

- SuperSpeed is an express conversion mode that converts compatible formats over 50x faster than regular conversion.
- SuperSpeed works if the output codec is the same as the original codec, and no effects have been applied to the video.
- When choosing an output format, look for presets with the **SuperSPEED** badge. This means that converting to this format will be much faster than others.



Enable Intel hardware acceleration

- Accelerates video processing by up to 400% when converting H.264 and MPEG-2 video codecs.
- This option is only available if your computer is equipped with an Intel processor that supports the Intel HD Graphics™ technology.
- When choosing an output format, look for presets marked with the **Intel HD GRAPHICS** badge.



Convert using NVIDIA GPU

- With this option enabled, your NVIDIA graphics card will be used for processing H.264 and MPEG-2 videos and they will be saved up to 50% faster.
- Because video processing is carried out by the graphics card, your CPU is free for other tasks, ensuring smoother performance in other programs.
- This option is only available if your computer is equipped with an NVIDIA graphics card that supports CUDA™ or NVENC™.
- When choosing an output format, look for presets marked with the NVIDIA NVENC or NVIDIA CUDA badge, depending on the acceleration technology supported by your graphics card.



Enable AMD hardware acceleration

- Accelerates video processing by up to 2,5x when converting to H.264 video codecs for heavy files.
- This option is only available if your computer is equipped with AMD graphics card that supports the Video Coding Engine technology.
- When choosing an output format, look for presets marked with the **AMD Video Coding Engine** badge.



Troubleshooting

If acceleration options are unavailable:

- Your computer might not have the right hardware.

If you're sure that your hardware meets the requirements, try updating your drivers. You can always find the newest version on the manufacturer's website:

[Intel Download Center](#) | [NVIDIA Driver Downloads](#) | [AMD Driver Download Center](#)

Intel HD Graphics is a trademark of Intel Corporation.
NVENC and CUDA is a trademark of NVIDIA Corporation.

Help and support

If you have any questions or concerns regarding Movavi software, you are welcome to contact our support team.

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
[Or use the contact form](#)

Please describe your problem in as much detail as possible; any screenshots, log files, or information about your system will allow us to help you faster.

[How to take a screenshot](#) | [How to collect log files](#) | [How to find system information](#)

Frequently asked questions:

Why is "Trial Version" written on my videos?

The watermark is only placed on videos in the trial version. Buy an activation key and use it to activate the program. After that, you can convert files without the watermark.

[Removing trial restrictions](#)

My file does not open

- Check the list of supported formats to see if this file format is supported by the converter.
 - If the format and codec are supported, the file may be damaged.
 - Some DVDs and files can be protected with DRM against copying. The converter is not intended to make illegal copies of such files.
- [Supported formats](#)

How do I update the graphics card driver?

You can download the latest graphics card driver from its manufacturer's website. Only download drivers from the official manufacturer's website. Third-party websites offering driver downloads may contain malware.

[NVIDIA download center](#) | [AMD download center](#) | [Intel download center](#)
[Detailed instructions on updating drivers](#)

System requirements

	Minimum system requirements	Recommended configuration
Operating system	Windows XP/Vista/7/8/10 with latest service packs and patches	
Processor	Dual-core Intel, AMD or compatible processor, 1 GHz	Quad-core processor, 2.8 GHz or higher
Graphics	NVIDIA® GeForce™ series 6 or higher	
	AMD Radeon™ R600 or higher graphics card with up-to-date drivers	
	Your graphics card must support OpenGL 2.0 and above for the program to work correctly.	OpenGL 2.1 and above is recommended for smooth performance
Resolution	1024x768, 32-bit color	1280x1024 or higher
RAM	Windows XP, Vista – 512 MB Windows 7/8/10 – 2 GB	Windows XP – 2 GB Windows Vista/7/8/10 – 4 GB
Available disk space	110 MB for installation 500 MB for ongoing operations	2 GB Video conversion may require several GB of additional space.
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	

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	Input	Output
3GP, 3G2	H.263, H.264, MPEG-4	✓	✓
ASF	MPEG-4, VC-1, WMV V7	✓	
AVCHD	H.264	✓	
AVI	H.264, MPEG-4, MJPEG	✓	✓
	DivX, Xvid, DV, Cinepack, Fraps, TechSmith, Uncompressed	✓	
DivX	DivX	✓	
DVD	MPEG-1, MPEG-2	✓	
FLV	FLV1, H.264	✓	✓
	H.263, VP6, Flash Screen Video	✓	
M2TS	MPEG-2, H.264	✓	✓
M2TS, TS, MTS, M2T	MPEG-2, H.264, H.265	✓	
MKV	H.264, MPEG-4, MJPEG, Theora, VP9	✓	✓
	H.265, DV, Uncompressed	✓	
MOV	H.264, MPEG-4, MJPEG	✓	✓
MOV, QT	H.264, MPEG-4, MJPEG, AIC, ProRes, Sorenson 1/3, PNG	✓	
MP4	MPEG-4, H.264	✓	✓
MP4, M4V	MPEG-4, H.263, H.264, H.265, MJPEG, ProRes	✓	
MPG, VOB	MPEG-1, MPEG-2	✓	✓
MPG, MPEG, MPE, M1V, VOB, DAT, MOD, TOD, VRO	MPEG-1, MPEG-2, H.264	✓	
MXF	MPEG-2, DV	✓	
OGV	Theora	✓	✓
	MPEG-4	✓	
RM, RMVB	Real Video 2/3/4, Cooker	✓	
SWF	FLV1	✓	✓
	MJPEG		✓
WebM	VP8, VP9	✓	✓
	VP7	✓	
WMV	WMV V8	✓	✓
	WMV V7, WMV 9, WMV 9 Screen,WMV 9 Advanced profile, MPEG-4,WMV 9.1 Image V2	✓	
WTV	H.264, MPEG-2	✓	
Audio Formats	Supported Codecs	Input	Output
AAC	AAC	✓	✓
AC3**	AC3	✓	✓
** Format supported under Windows 8 and later.			
AIF, AIFF	Uncompressed	✓	
APE	Monkey's Audio	✓	
AU, SND	PCM	✓	
FLAC	FLAC	✓	✓
M4A, M4B	AAC, ALAC, PCM	✓	
M4A	AAC, ALAC	✓	✓
MP3	MP3	✓	✓
OGG	Vorbis	✓	✓
Opus	Opus	✓	
WAV	PCM, AAC, MP3	✓	✓
WMA	WMA Pro, WMA Voice	✓	
	WMA 9	✓	✓
Image Formats		Input	Output
APNG		✓	
BMP		✓	✓
DPX		✓	
GIF		✓	✓
JPEG (.jpg, .jp2, .jls)		✓	

JPEG (.jpg)	✓	✓
Netpbm formats (.pam, .pbm, .pgm, .ppm)	✓	
PCX	✓	
PNG	✓	✓
PTX	✓	
SGI	✓	
TGA	✓	
TIFF	✓	✓
WebP	✓	
XBM	✓	
XWD	✓	

Updating graphics card driver

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.

[NVIDIA download center](#)

[AMD download center](#)

[Intel download center](#)

Warning:

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

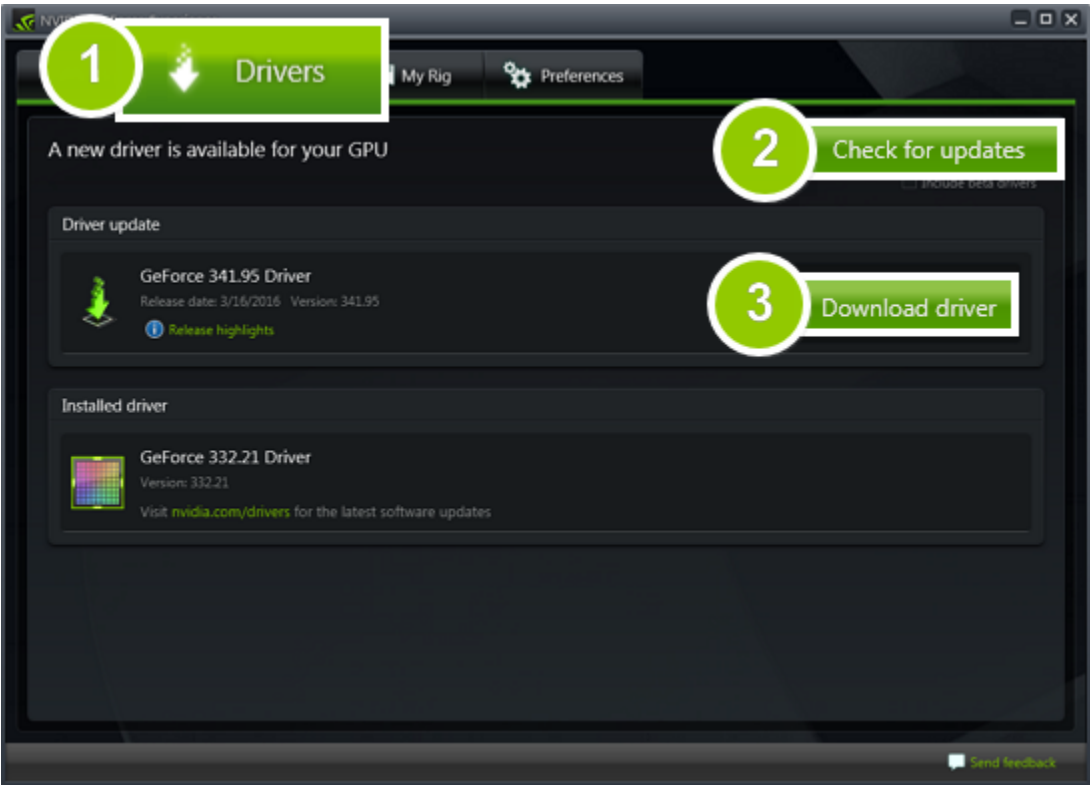
Step 3: Install driver

Once the file is completely downloaded, run the installation file and follow the on-screen 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.
[NVIDIA download center](#)
- 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.

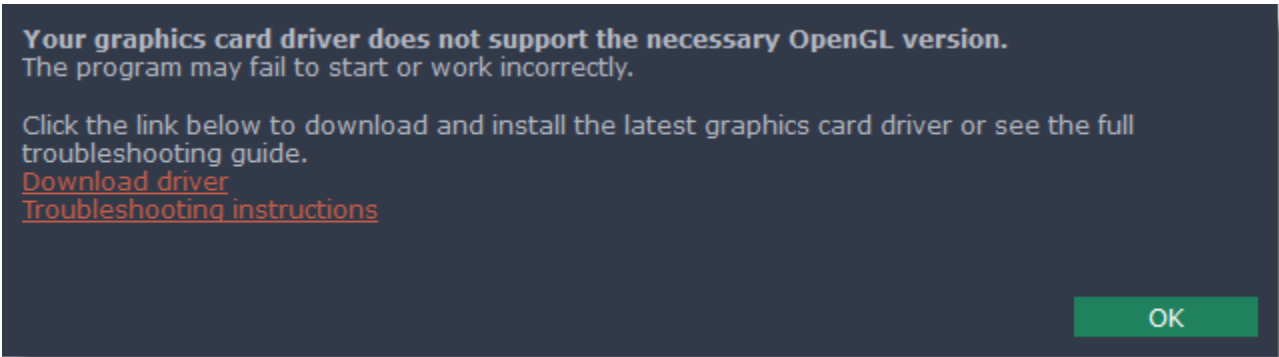
5. After the driver has been installed, it is recommended that you restart your computer.

If none of the above steps have helped, feel free to contact our support team via [e-mail](#) or [live chat](#).

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.

OpenGL Troubleshooting

If you see the following message about OpenGL when you open Movavi Video Converter or you've noticed that the player, filters, or transitions do not work, your computer most likely does not support the necessary version of OpenGL. To run Movavi Video Converter, your computer needs to support at least OpenGL version 2.0, and version 2.1 is required for smooth performance.



OpenGL is a software interface that manages graphics output. Usually, OpenGL is handled by your graphics card driver. However, some graphics cards do not support the necessary version of OpenGL. For these graphics cards, you can try the steps below:

Step 1: Update your graphics card driver

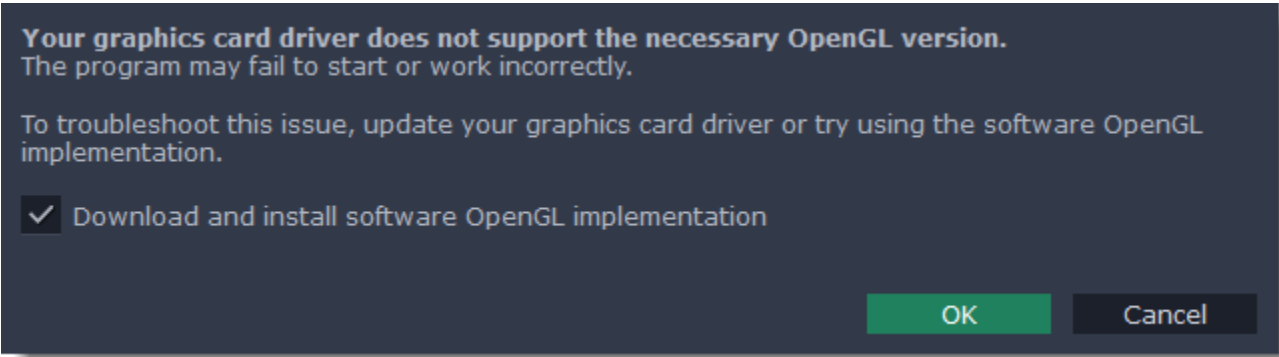
Sometimes, this issue may occur when something is wrong with the graphics card drivers or they are out of date. Download the driver installation file from the manufacturer's website and install it following the on-screen instructions.
[Detailed instructions on updating the driver](#)

It is recommended that you restart the computer after installing driver software. After that, try starting Movavi Video Converter. If you see an error message again, proceed to the next step.

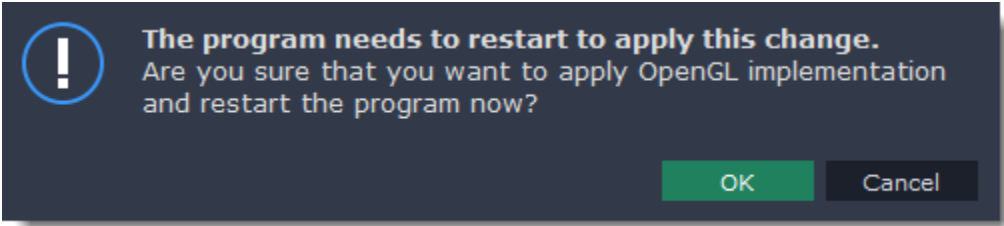
Step 2: Try the software OpenGL implementation

If your graphics card still doesn't support OpenGL 2.1 even after updating the driver, you can use a software alternative:

- In the message you see after starting the program, select the **Download and install software OpenGL implementation** box.



- Or, in the main window, open the **Settings** menu and choose **Preferences**. There, select the **Use software OpenGL implementation** option and click OK.



After that, the software OpenGL package will be automatically downloaded and installed. When the installation is finished, restart Movavi Video Converter.

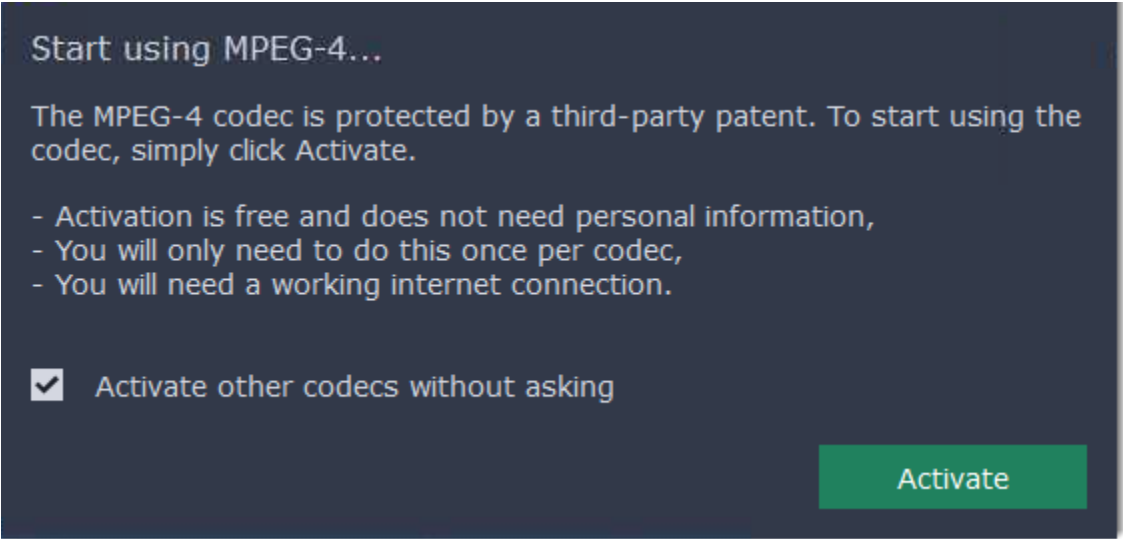
If these steps haven't helped:

- Check that your computer meets the [minimum system requirements](#). Your graphics card must support at least OpenGL 2.0.
- [Contact our support team](#). Provide your graphics card model and list the steps you've taken to solve the problem.

Codec activation

Some video and audio codecs are patented by other companies, and it is required that new users activate the codecs they use to comply with patent law.

1. When you open a media file or export your project with one of these codecs, you may see a Codec Activation message.
2. Select the **Activate other codecs without asking** box to activate all codecs automatically in the future. The codecs will be activated automatically, but an Internet connection is still necessary.
3. Click **Activate** to complete the codec activation.



Codec could not be activated

If you see a codec activation error, make sure that you have a working Internet connection. Without Internet, the codecs cannot be activated even if you've chosen to activate them automatically. After you've restored the network connection, please restart the application.

What kind of data is being sent?

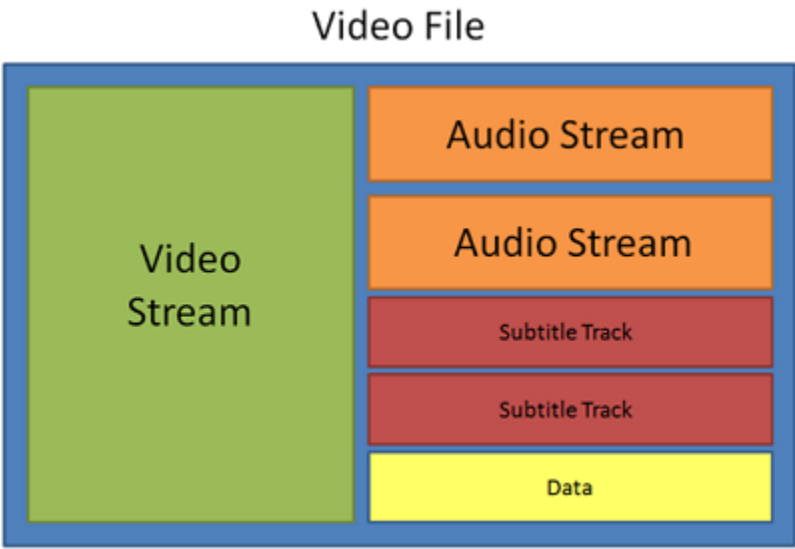
The data we send does not contain any information that can personally identify you. We only receive information about which codecs were used.

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, 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 algorithym 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.

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 algorithms 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, etc.

How to take a screenshot

If you contact support about a problem, attaching a screenshot will allow us to solve your problem faster. Follow the steps below to take a screenshot with the standard tools:

Step 1: Press the **Prt Scr** key on your keyboard. It's located on the top row right after the F keys. To take a screenshot of just the active window, press **Alt+Prt Scr**

Step 2: Open **Paint** or any other image editing program and press **Ctrl+V** to paste the screenshot. Then, trim the screenshot if you only want to show a part of the screen.

Step 3: Save the screenshot to a folder where you can easily find it.

Step 4: Attach this screenshot to the e-mail, chat, or support form when you describe your problem to our support team.

How to collect logs

Providing your log files when you contact support can help us solve your problem faster. The logs contain the program's actions for some period of time, as well as important error reports and descriptions. The log files do not contain any personal information.

Step 1: Show hidden folders

- 1. Open the **Control Panel** and switch to **Small icons** view.
- 2. Click **Folder Options**.
- 3. Switch to the **View** tab
- 4. Under **Hidden files and folders**, choose **Show hidden files, folders, and drives**.
- 5. Click **OK**.

[Detailed instructions](#)

Step 2: Open the Logs folder

- 1. Go to your system drive (usually Local Disk C).
- 2. Open the **Users** folder.
- 3. Open the folder with your username.
- 4. There, open the **AppData** hidden folder.
- 5. From there, go to **Local > Movavi > Logs**.

Advanced: you can also simply enter the following into Windows Explorer's path bar at the top: "*C:\Users\USERNAME\AppData\Local\Movavi\Logs*", where USERNAME should be your user folder.

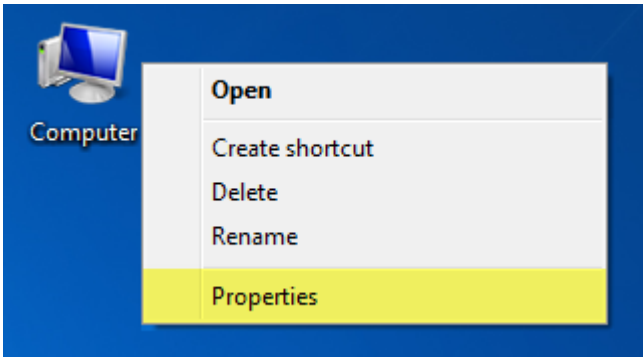
Step 3: Send us the logs

- 1. Find the folder named **VideoConverterOriginal19**.
- 2. Archive this folder and attach this archive to your e-mail, support chat or contact form when you describe your problem.

How to find system information

How to find your operating system version

- 1. Right-click your **Computer** icon.
- 2. Choose **Properties** from the pop-up menu.
- 3. In the System window, note the **Windows edition** and **System type**:



View basic information about your computer

Windows edition

Windows 7 Professional

Copyright © 2009 Microsoft Corporation. All rights reserved.

Service Pack 1

Get more features with a new edition of Windows 7

System

Rating:

5.0

Windows Experience Index

Processor:

Intel(R) Core(TM) i5-2300 CPU @ 2.80GHz 2.80 GHz

Installed memory (RAM):

8.00 GB

System type:

64-bit Operating System

Pen and Touch:

No Pen or Touch Input is available for this Display

How to find your graphics card information

- 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.