

Making videos for websites!

We'll learn:

- Using Handbrake to make an MP4
- Uploading to the blog
- Uploading to Vimeo and linking to a blog

Using Handbrake

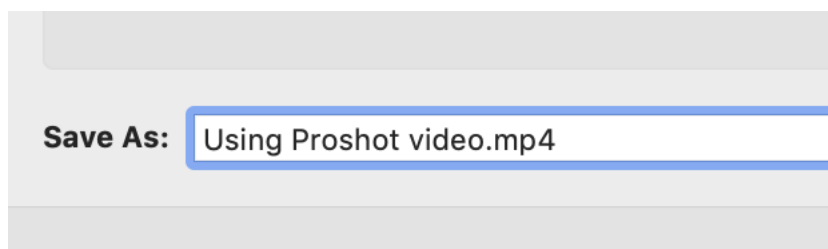
Handbrake is a great open source app. It lets you convert almost any video file into an MP4.

MP4 is the most universal video format, so you'll want to make sure your video is an MP4 if you want to share it on a website.

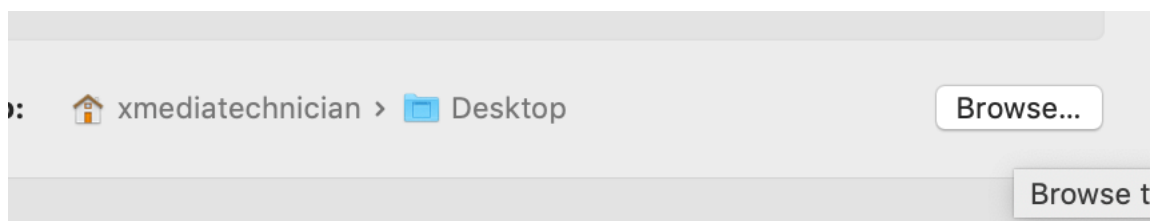
1. Download and install Handbrake from <https://www.handbrake.fr>
2. Open Handbrake
3. Drag and drop your video into Handbrake

Handbrake settings:

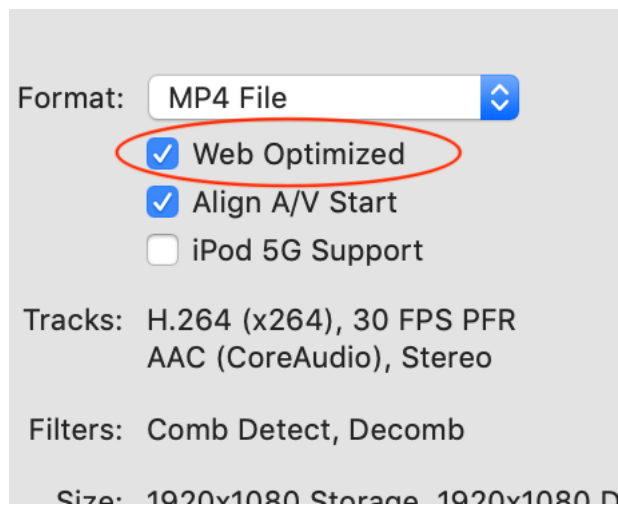
1. **Name** your file in the bottom left box:



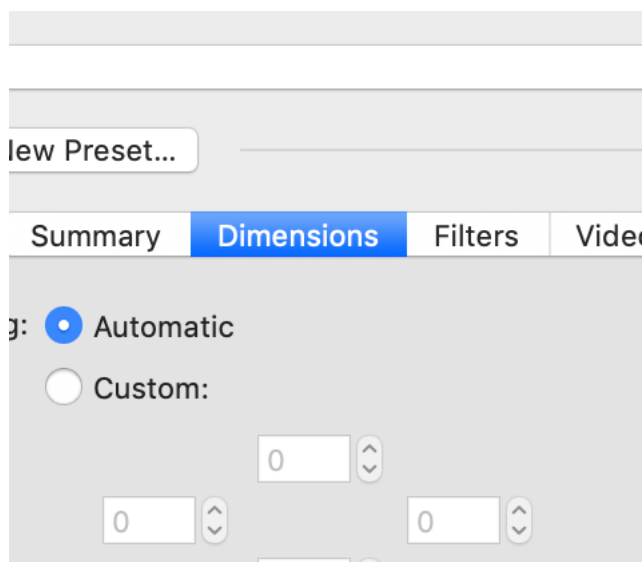
2. Select **Browse** to set your destination directory for the MP4:



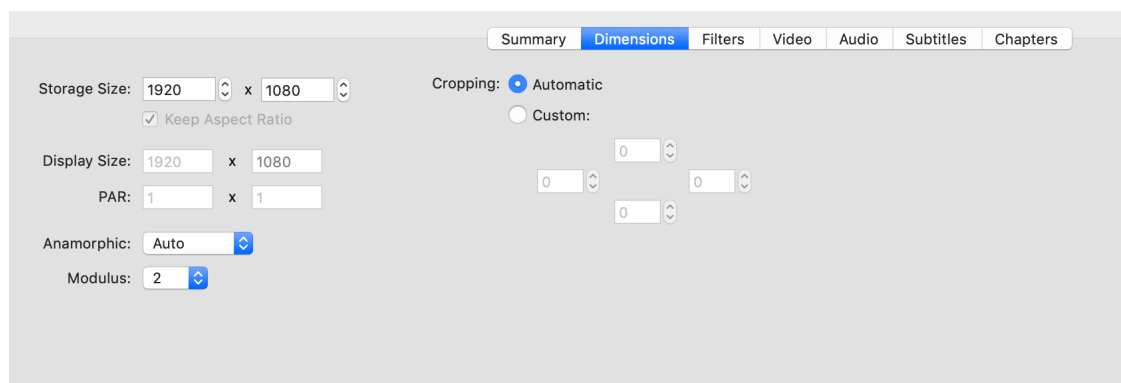
3. Turn on Web optimization. This will make the file larger, but it will help with streaming the video. **If you're uploading to Vimeo, you don't need this step.**



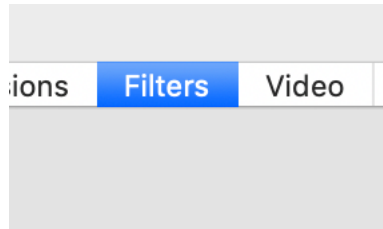
4. Select **Dimensions** tab



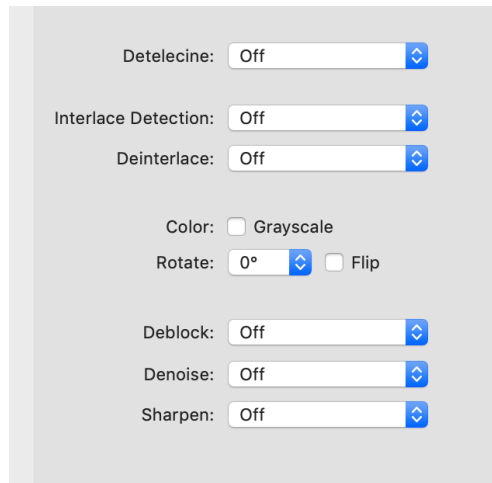
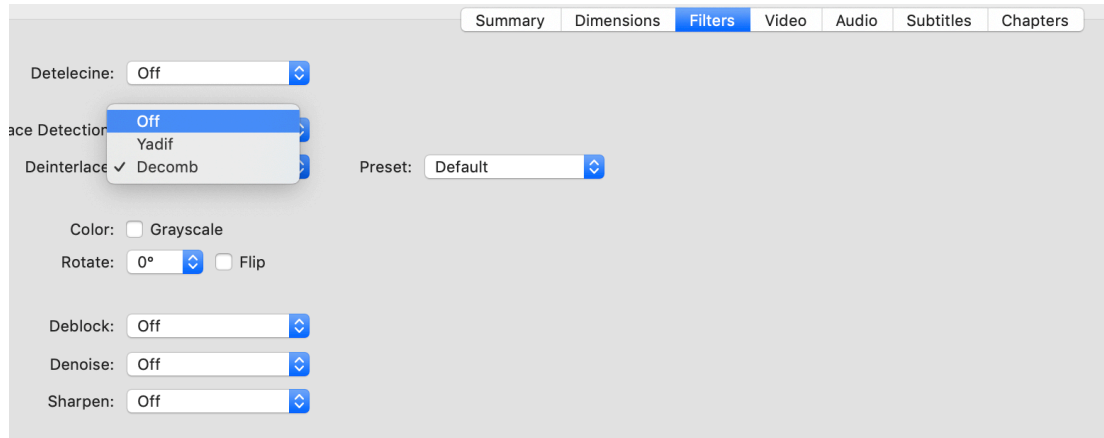
5. It will likely have the right dimensions in this section. If you notice any numbers in the Crop boxes, choose Custom and set each box to 0.



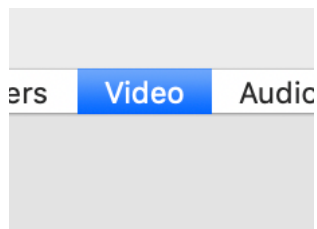
6. Select **Filters** tab



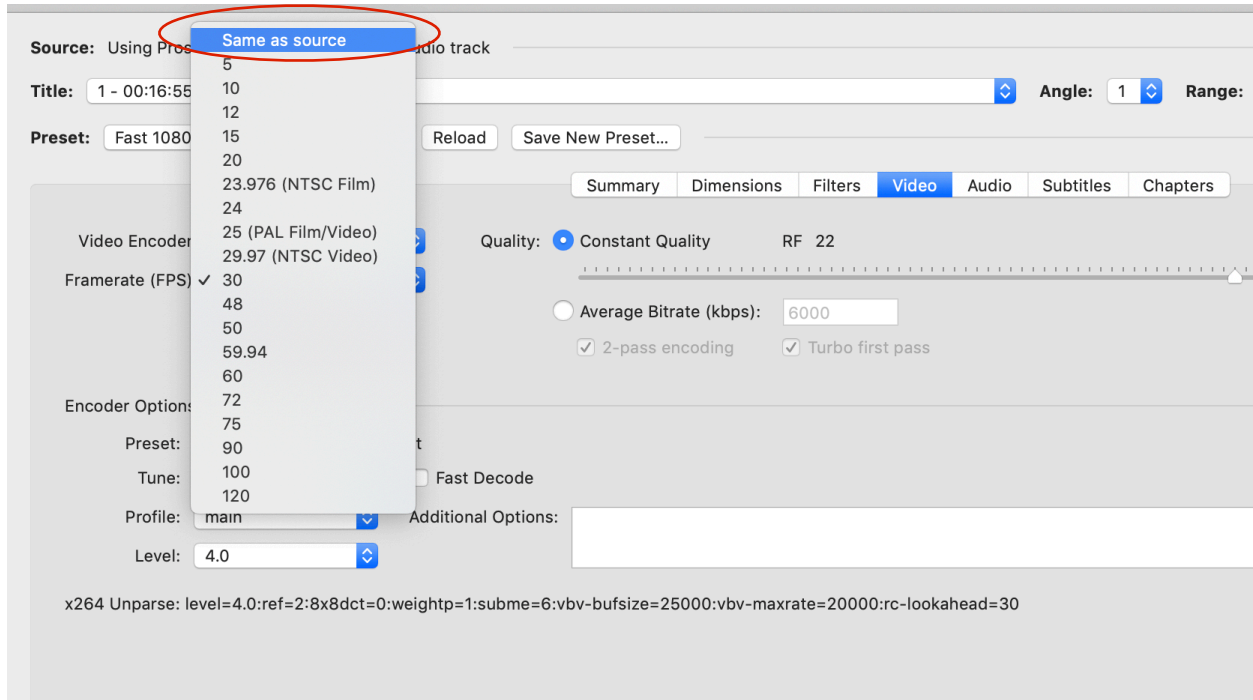
7. This isn't necessary, but turn off all filters.



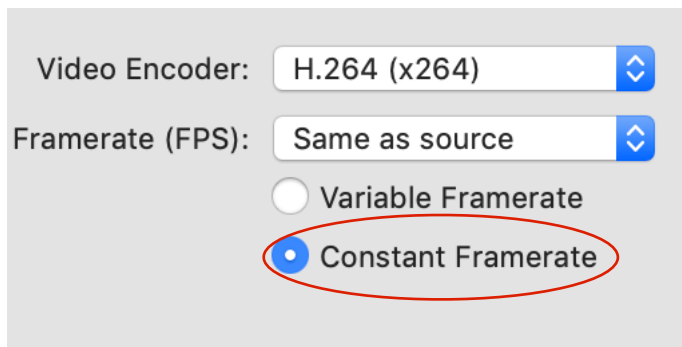
8. Select **Video** tab



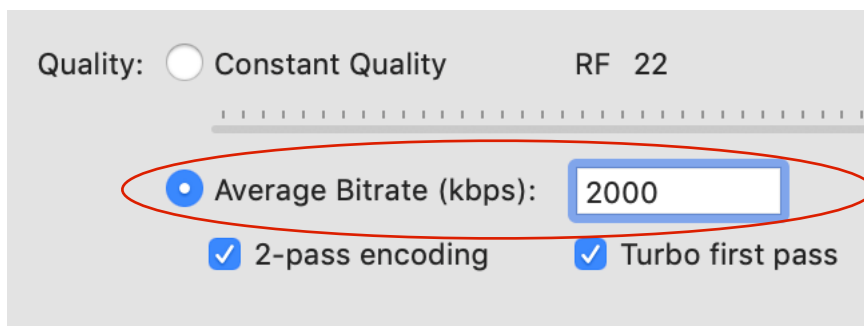
9. For **Frames per Second (FPS)** choose **Same as Source**



10. Choose **Constant Framerate**

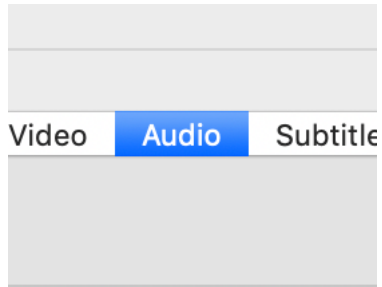


11. For Quality, choose **Average Bitrate**, and enter **2000**.

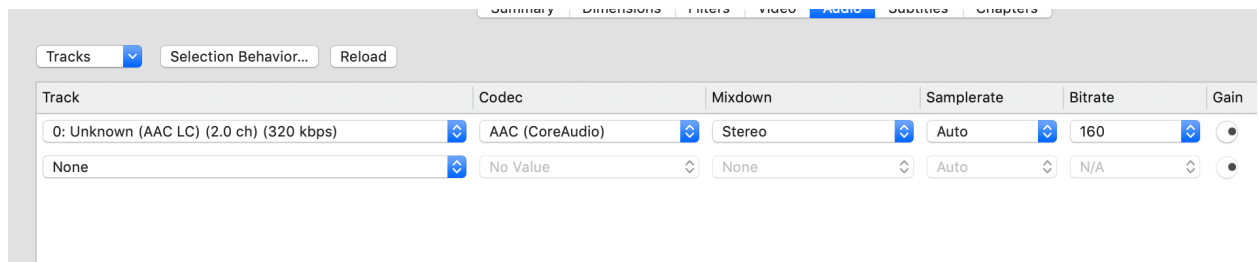


2000 kbps is probably good enough for HD video. It will make the file size very small. If you notice the video looks soft or “blocky”, raise the bitrate to 3000 or 4000. This will make the file size larger, but make the quality better.

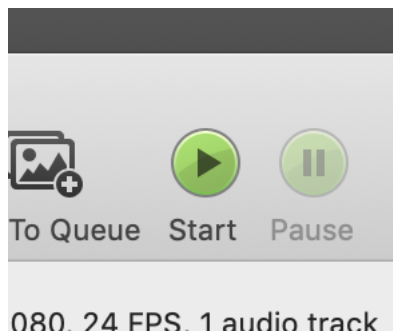
12. Select **Audio** tab



13. If you want excellent audio quality, raise the bitrate to 256 kbps. 160 kbps is the default, which should be good for most audio.



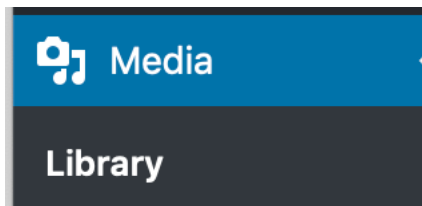
14. Select **Start**



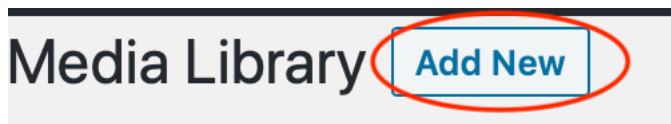
When Handbrake has finished encoding the video file, watch it and make sure it looks okay. If the video or audio quality is bad, re-encode it with higher bitrates.

Uploading to the Blog

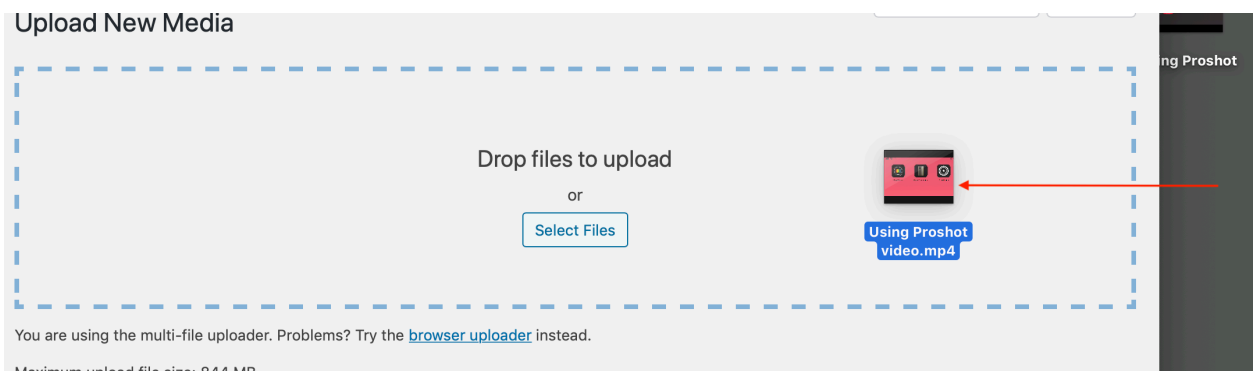
1. In the Wordpress dashboard, click **Media - Library**



2. Select **Add New**

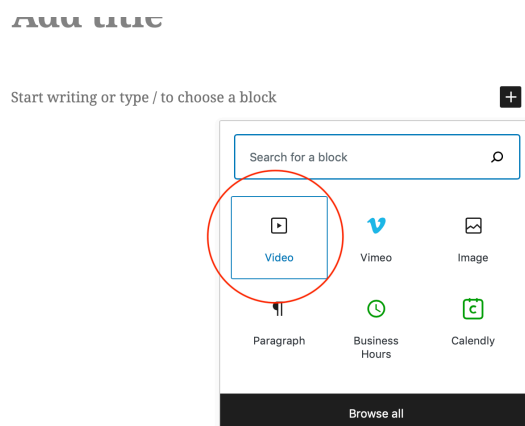


3. An **Upload New Media** window will appear. Drag and drop your video into it. Wait for the file to upload.



Note the file size limit: 844MB. If your file is larger than that, it will not upload.

4. In your Post, add a **Video block**

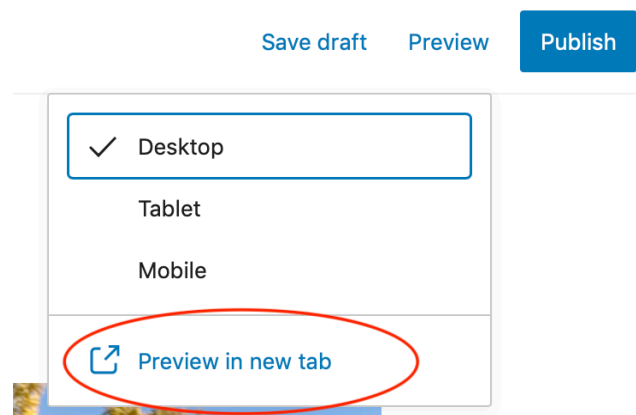


If you don't see **Video** in the block menu, select **Browse All**. A menu will appear with all the block options. Find **Video** and select it.

5. When the Video block is added, you can choose three options:
 1. Upload
 2. Media Library
 3. Custom URL

Choose Media Library. Find your video in the library and select it. It will take a moment to add the video to your post.

6. Select **Preview** on the top right of the page. Choose **Preview in new tab**.



Watch your video and if it is working, return to your Post and select **Publish**.

Some problems:

1. If you have a slow internet connection, the connection to the blog will timeout. This is a security feature. Use fast internet if you have it.
2. If your file size is too large, the website will not accept it
3. Sometimes, the site will not accept your file. In that case, please contact Nathan: nsaliwon@uoguelph.ca

Using Vimeo

Vimeo is a great video-sharing service. You can create a free account that allows for 500 MB of uploads per week. This isn't a lot, but it's good enough for most student use.

1. Go to vimeo.com
2. Create an account
3. Select **New Video** and **Upload**
4. Drag and drop your video into the Drag and Drop window
5. Set **privacy** to **Anyone can see this video**, or **Only people with the private link** if you don't want it available to everyone on Vimeo.
6. Copy the Vimeo link of your video file.
7. Once it's done uploading and encoding, go back to the Blog.
8. In the **Video** block, choose **Insert from URL**. Enter the Vimeo link.
9. Press Preview or Publish and make sure your video is working.