

# HTML5 VIDEO PLAYER

Encode and Embed Videos on Your Own Website Easily

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## HTML5 Video Formats and Codec

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When web masters working with HTML5 video, the most important thing they may want or have to know is the video formats and codecs for HTML5. So what are the HTML5 video formats and codecs? As of now, the three HTML5 browser supported video codecs are:

- MP4: MPEG 4 files with *H264 video codec* and *AAC audio codec*
- WebM: WebM files with *VP8 video codec* and *Vorbis audio codec*
- Ogg: Ogg files with *Theora video codec* and *Vorbis audio codec*

Before you choose the codec for HTML5, keep in mind only these three are compatible with HTML5 browsers, not Flash or any other formats or codecs. Now you understand the HTML5 video formats and codecs. But which one should I use when converting my videos, I have to make a choice anyway, right? Yes, it is true with most video encoders or video converters. Before you go to convert a video to another format, you will always be asked to make a selection between different codecs, formats or devices. The only exception is [HTML5 Video Player](#), which is designed specially for HTML5 video conversion and embedding. It can encode your video into three HTML5 video formats supported by all latest web browsers at the same time. Ok, now let's say you do not have HTML5 Video Player installed, then how to select HTML5 video codec(s) that would actually work with HTML5 browsers on almost all devices?

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**webm**

Unfortunately, no one codec would work with all the major players, so if you want your video to be seen by the largest group of people, you should consider converting it into at least two formats WebM and H.264. Bellow table shows the browser support for HTML5 video codecs:

## HTML5 Video Formats Codecs

Codec	Android		Chrome		Firefox		Internet Explorer	iOS	Opera		Safar	
	Win	Mac	Win	Mac	Win	Mac	Win		Win	Mac	Win	M
MP4 or H.264	3.0	9	7	X	X	9	9	3	X	X	5	5
WebM	2.3	9	7	3.6	3.6	Component required!	X	10.63	10.63	X	X	
ogg/Theora	2.3	9	7	3.6	3.6	X	X	10.63	10.63	X	X	

From the above HTML5 video codec support table, we can see that as long as you can have both mp4 and webm embedded, your website videos should be played on almost all the computers on Windows or Mac system, mobiles and tablets on Android and iOS.

However converting videos to HTML5 video formats could be a trouble for most of us, as not everyone are pros, we do not know how to encode a video, let alone encoding to different codecs for merely one video. You may be able to find many video converters or encoders to convert MP4 or H.264 Codec, however it can be very difficult to find tools to convert to ogg/Theora and WebM/ VP8. For a one-stop solution, we recommend you to try HTML5 Video Player by Socusoft, you can [download HTML5 Video Player here](#).

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