

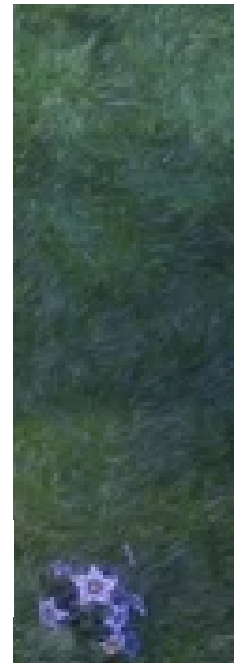


HTML5 Video

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HTML Video Example. Courtesy of [Big Buck Bunny](#).

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Playing Videos in HTML

Before HTML5, a video could only be played in a browser with a plug-in (like flash).

The HTML5 `<video>` element specifies a standard way to embed a video in a web page.



The numbers in the table specify the first browser version that fully supports the `<video>` element.

Element					
<code><video></code>	4.0	9.0	3.5	4.0	10.5

The HTML `<video>` Element

To show a video in HTML, use the `<video>` element:

Example

```
<video width="320" height="240" controls>  
  <source src="movie.mp4" type="video/mp4">  
  <source src="movie.ogg" type="video/ogg">  
Your browser does not support the video tag.  
</video>
```

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How it Works

The `controls` attribute adds video controls, like play, pause, and volume.

It is a good idea to always include `width` and `height` attributes. If height and width are not set, the page might flicker while the video loads.

The `<source>` element allows you to specify alternative video files which the browser may choose from. The browser will use the first recognized format.

The text between the `<video>` and `</video>` tags will only be displayed in browsers that do not support the `<video>` element.



To start a video automatically use the **autoplay** attribute:

Example

```
<video width="320" height="240" autoplay>
  <source src="movie.mp4" type="video/mp4">
  <source src="movie.ogg" type="video/ogg">
  Your browser does not support the video tag.
</video>
```

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The autoplay attribute does not work in mobile devices like iPad and iPhone.

HTML Video - Browser Support

In HTML5, there are 3 supported video formats: MP4, WebM, and Ogg.

The browser support for the different formats is:

Browser	MP4	WebM	Ogg
Internet Explorer	YES	NO	NO
Chrome	YES	YES	YES
Firefox	YES	YES	YES
Safari	YES	NO	NO
Opera	YES (from Opera 25)	YES	YES

HTML Video - Media Types



MP4	video/mp4
WebM	video/webm
Ogg	video/ogg

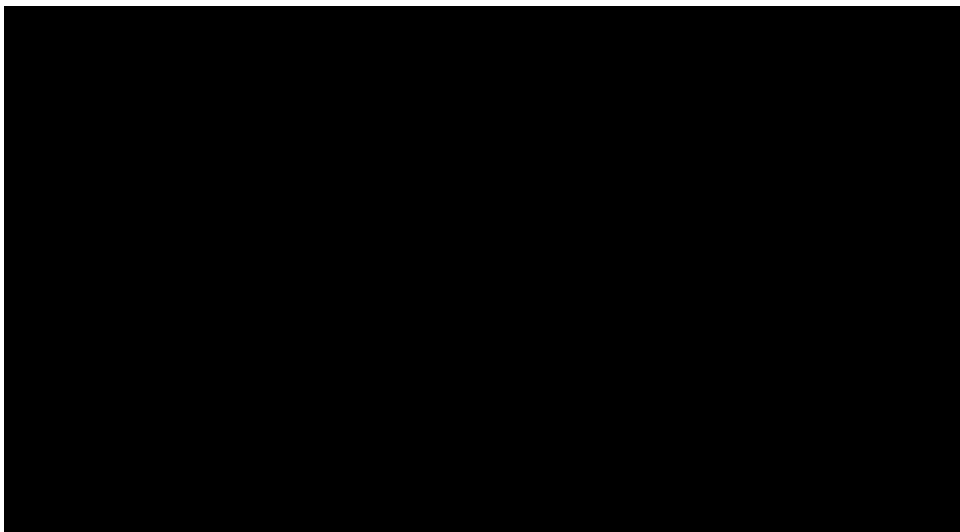
HTML Video - Methods, Properties, and Events

HTML5 defines DOM methods, properties, and events for the `<video>` element.

This allows you to load, play, and pause videos, as well as setting duration and volume.

There are also DOM events that can notify you when a video begins to play, is paused, etc.

Example: Using JavaScript



Video courtesy of [Big Buck Bunny](#).

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HTML5 Video Tags

Tag	Description
<u><video></u>	Defines a video or movie
<u><source></u>	Defines multiple media resources for media elements, such as <video> and <audio>
<u><track></u>	Defines text tracks in media players

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