

# Chapter 25: Media Elements

Attribute	Details
width	Sets the element's width in pixels.
height	Sets the element's height in pixels.
<b>&lt;source&gt;</b>	Defines resources of the audio or video files
track	Defines the text track for media elements
controls	Displays controls
autoplay	Automatically start playing the media
loop	Plays the media in a repeated cycle
muted	Plays the media without sound
poster	Assigns an image to display until a video is loaded

## Section 25.1: Audio

HTML5 provides a new standard for embedding an audio file on a web page.

You can embed an audio file to a page using the **<audio>** element:

```
<audio controls>
  <source src="file.mp3" type="audio/mpeg">
Your browser does not support the audio element.
</audio>
```

## Section 25.2: Video

You can embed also a video to a webpage using the **<video>** element:

```
<video width="500" height="700" controls>
  <source src="video.mp4" type="video/mp4">
Your browser does not support the video tag.
</video>
```

## Section 25.3: Using `<video>` and `<audio>` element to display audio/video content

Use the HTML or **<audio>** element to embed video/audio content in a document. The video/audio element contains one or more video/audio sources. To specify a source, use either the src attribute or the **<source>** element; the browser will choose the most suitable one.

Audio tag example:

```
<!-- Simple video example -->
<video src="videofile.webm" autoplay poster="posterimage.jpg">
  Sorry, your browser doesn't support embedded videos,
  but don't worry, you can <a href="videofile.webm">download it</a>
  and watch it with your favorite video player!
</video>

<!-- Video with subtitles -->
<video src="foo.webm">
  <track kind="subtitles" src="foo.en.vtt" srclang="en" label="English">
  <track kind="subtitles" src="foo.sv.vtt" srclang="sv" label="Svenska">
```

```

</video>
<!-- Simple video example -->
<video width="480" controls poster="https://archive.org/download/WebmVp8Vorbis/webmvp8.gif" >
  <source src="https://archive.org/download/WebmVp8Vorbis/webmvp8.webm" type="video/webm">
  <source src="https://archive.org/download/WebmVp8Vorbis/webmvp8_512kb.mp4" type="video/mp4">
  <source src="https://archive.org/download/WebmVp8Vorbis/webmvp8.ogv" type="video/ogg">
  Your browser doesn't support HTML5 video tag.
</video>

```

Audio tag example:

```

<!-- Simple audio playback -->
<audio src="http://developer.mozilla.org/@api/deki/files/2926/=AudioTest_(1).ogg" autoplay>
  Your browser does not support the <code>audio</code> element.
</audio>

<!-- Audio playback with captions -->
<audio src="foo.ogg">
  <track kind="captions" src="foo.en.vtt" srclang="en" label="English">
  <track kind="captions" src="foo.sv.vtt" srclang="sv" label="Svenska">
</audio>

```

## Section 25.4: Video header or background

Adding a video that will autoplay on a loop and has no controls or sound. Perfect for a video header or background.

```

<video width="1280" height="720" autoplay muted loop poster="video.jpg" id="videobg">
  <source src="video.mp4" type="video/mp4">
  <source src="video.webm" type="video/webm">
  <source src="video.ogv" type="video/ogg">
</video>

```

This CSS provides a fallback if the video cannot be loaded. Note that it is recommended to use the first frame of the video as the poster video.jpg.

```

#videobg {
  background: url(video.jpg) no-repeat;
  background-size: cover;
}

```