

# OVERVIEW: IMAGES AND VIDEOS

## IN THIS LESSON

The `<img>` element

`<img>` attributes

The `<video>` element

`<video>` attributes

# THE `<img>` ELEMENT

``

Void element, only one tag

Required **src** attribute: path to image file

Most common image formats for the web: GIF, PNG, JPG, SVG.

- JPG (sometimes JPEG) and PNG are very common
- Use JPG for photos; PNG for digitally created graphics e.g. logos

## <img> ALT ATTRIBUTE

```

```

Always include alt attribute with descriptive text about image

- For visually impaired users using screenreaders
- If the image cannot be loaded for some reason, the text will show instead
  - Help search engines get more information about your webpage

## <img> WIDTH & HEIGHT ATTRIBUTES

```

```

Optionally use **width** and **height** to control image size;  
otherwise, defaults to actual image size

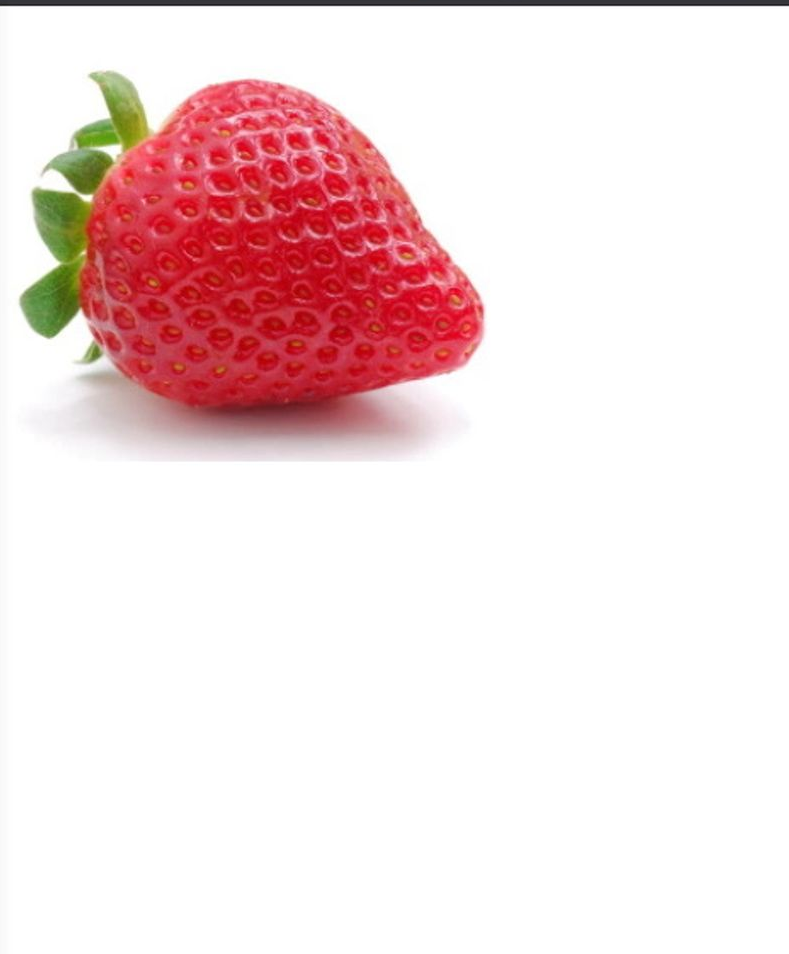
Specify number in pixels, without unit size - "100" not "100px"

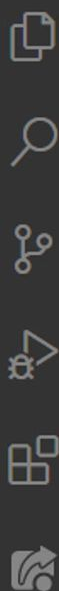
Specify only one or the other to have the image  
autosize with original ratio



img-example.html x

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="utf-8" />
5   <title>Image Example</title>
6 </head>
7 <body>
8   
9 </body>
10 </html>
```





img-example.html x

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img-example.html x

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img-example.html x

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```



## THE `<video>` ELEMENT

`<video src="someVideo.mp4" controls>` Your browser does not support HTML5 video. Here is `<a href="someVideo.mp4">a link to the video</a>` instead. `</video>`

New in HTML5, plugins such as Flash and Silverlight used before

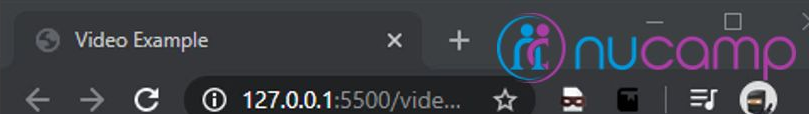
Required **src** attribute: path to video file

Supports 3 major video formats: MP4, OGG, WEBM

Text between start and end tag is called **fallback content**

- Shows in browsers that don't support HTML5 embedded video
- Good idea to link the video using `<a>` element so it can still be accessed

```
File Edit Selection ... video-example.html - 1-HTML-C...
<> video-example.html x
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <meta charset="utf-8" />
5 <title>Video Example</title>
6 </head>
7 <body>
8 <h1>Video Player Example</h1>
9 <video src="Common_Body_Elements.mp4" controls
  width="400" loop>Your browser does not support
  HTML5 video. Here is <a href="Common_Body_Elements.
  mp4">a link to the video</a> instead.</video>
10 </body>
11 </html>
```



## Video Player Example



```
File Edit Selection ... video-example.html - 1-HTML-C...  
video-example.html x  
1 <!DOCTYPE html>  
2 <html lang="en">  
3 <head>  
4 <meta charset="utf-8" />  
5 <title>Video Example</title>  
6 </head>  
7 <body>  
8 <h1>Video Player Example</h1>  
9 <video src="Common_Body_Elements.mp4" width="400"  
  loop>Your browser does not support HTML5 video.  
  Here is <a href="Common_Body_Elements.mp4">a link  
  to the video</a> instead.</video>  
10 </body>  
11 </html>
```

