



# Lesson 11

## Images

Image in HTML can be inserted with `<img />` HTML element.

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`<img />` HTML element is Empty HTML element so, it contains only one HTML tag. In the structure of `<img />` HTML element there are two HTML attributes: `src` and `alt`.

`src` (source) HTML attribute is mandatory attribute, and we use it to point on folder location where is the image that we want to insert in our web page, then forward slash which means that we are entering in that folder, then file name of that image, and also extension name for type of the image (.jpg, .png etc.). Example for `src`:

```
src="images/Logo.png"
```

Good practice is to place all images, that you are using in your website, in one folder (by convention images or picture).

`alt` HTML attribute, is attribute where we place alternative text that will be displayed in cases if your image can not be loaded for any reason. Good practice is to place some explanation text for your website users (e.g. Image not loaded or anything like that).

By default, image that we insert in our web page, will keep original dimensions (height and width of image will be unchanged). So, if we want to change image height or width, we can do that manually with height and width HTML attributes.

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Value that we set for height and width, represent number of pixels.

**NOTE:** When you work with images in HTML, good practice is to process your images with some photo editor software and create images with optimum image size. Reason for this is because your HTML website is set of HTML documents that usually takes about 4MB (megabyte) per document, and high-resolution image today can take more than that on it's own. So, keep in mind to keep your HTML documents with all additional elements (images, text etc.) on average document size, otherwise your website can be slow.



# Lesson 11

If we want to add border around of image, we can do that easily with border HTML attribute.

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Value that we set for border represents number of pixels.

If we want to align image in website on different part of screen (by default image will be placed on left part of the screen) we can use align HTML attribute.

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**NOTE:** In HTML alignment of elements is usually set with CSS styles. Align attribute can be used for simple left and right alignment for image, but for any type of more precise image alignment we will use CSS styles.