HTML - Images

## Insert Image

You can insert any image in your web page by using **<img>** tag. Following is the simple syntax to use this tag.

**<img src = "Image URL" ... attributes-list/>**

The <img> tag is an empty tag, which means that, it can contain only list of attributes and it has no closing tag.

The <img> tag has two required attributes: src and alt.

<!DOCTYPE html>

<html>

<head>

<title>ImageTagDemo</title>

</head>

<body>

<p>Simple Image Insert</p>

<img src = "/html/images/san.png" alt="My Image" />

</body>

</html>

The <img> tag has two required attributes:

* src - Specifies the path to the image
* alt - Specifies an alternate text for the image, if the image for some reason cannot be displayed

## Set Image Width/Height

You can set image width and height based on your requirement using **width**and **height** attributes. You can specify width and height of the image in terms of either pixels or percentage of its actual size.

<img src="/home/images/san.png"alt="My Image"width="150"height="100"/>

## Set Image Border

By default, image will have a border around it, you can specify border thickness in terms of pixels using border attribute. A thickness of 0 means, no border around the picture.

**<img src="/home/images/san.png"alt="My Image"border="3"/>**

## Set Image Alignment

By default, image will align at the left side of the page, but you can use **align** attribute to set it in the center or right.

<imgsrc="/home/images/san.png"alt="My Image"border="3" align="right"/>

# HTML - Image Links

To link an image to another document, simply nest the <img> tag inside <a> tags.

**<body>**

**<p>Click following link</p>**

**<a href="E://Doucument/Myfile.htm"target="\_self">**

**<img src="/images/san.png" alt="My Image" border="0"/>**

**</a>**

**</body>**

The target attribute specifies where to open the linked document.

## Attribute Values

|  |  |
| --- | --- |
| **Value** | **Description** |
| \_blank | Opens the linked document in a new window or tab |
| \_self | Opens the linked document in the same frame as it was clicked (this is default) |
| \_parent | Opens the linked document in the parent frame |

# CSS Styling Images

## Rounded Images

Use the border-radius property to create rounded images:

<!DOCTYPE html>

<html>

   <head>

      <title>ImageTagDemo</title>

      <style>

        img {

          border-radius: 50%;

        }

        </style>

   </head>

   <body>

      <p>Image Demo</p>

      <a href = "C:/imagedir/reg.html" target="\_self">

 <imgsrc = "c:/imagedir/img1.png" alt="Hello" width = "200" height = "200" />

    </a>

   </body>

</html>

[Create an image map](https://www.w3schools.com/tags/tryit.asp?filename=tryhtml_areamap)  
How to create an image map, with clickable regions. Each region is a hyperlink.

# HTML <map> Tag

## Definition and Usage

The <map> tag is used to define an image map. An image map is an image with clickable areas.

The <map> element contains a number of [<area>](https://www.w3schools.com/tags/tag_area.asp) elements, that defines the clickable areas in the image map.

# HTML <area> Tag

## Definition and Usage

The <area> tag defines an area inside an image map (an image map is an image with clickable areas).

<area> elements are always nested inside a [<map>](https://www.w3schools.com/tags/tag_map.asp) tag.

**Note:** The usemap attribute in [<img>](https://www.w3schools.com/tags/tag_img.asp) is associated with the [<map>](https://www.w3schools.com/tags/tag_map.asp) element's name attribute, and creates a relationship between the image and the map.

# HTML <area> coords Attribute

Use the coords attribute to specify the coordinates of each area in the image map:

## Definition and Usage

The coords attribute specifies the coordinates of an area in an image map.

The coords attribute is used together with the [shape](https://www.w3schools.com/tags/att_area_shape.asp) attribute to specify the size, shape, and placement of an area.

**Tip:** The coordinates of the top-left corner of an area are 0,0.

## Syntax

<area coords="*value*">

## Attribute Values

|  |  |
| --- | --- |
| **Value** | **Description** |
| *x1,y1,x2,y2* | Specifies the coordinates of the top-left and bottom-right corner of the rectangle (shape="rect") |
| *x,y,radius* | Specifies the coordinates of the circle center and the radius (shape="circle") |
| *x1,y1,x2,y2,..,xn,yn* | Specifies the coordinates of the edges of the polygon. If the first and last coordinate pairs are not the same, the browser will add the last coordinate pair to close the polygon (shape="poly") |

# <!DOCTYPE html>

# <html>

# <head>

# <title>ImageTagDemo</title>

# </head>

# <body>

# <img src = "c:/imagedir/img1.png" alt="Hello" width="145" height="126"  usemap="#facemap"/>

# <map id="f1" name="facemap">

# <area shape="rect" coords="0,0,100,100" href="c:/imagedir/reg.html">

# <area shape="circle" coords="124,58,8"  href="c:/imagedir/first.html">

# </map>

# </body>

# </html>

# HTML <font> Tag

# Specify the font size, font face and color of text

# <font size="3" color="red">Hello EveryBody</font> <font face="verdana" color="green">Web programming</font>

The <font> tag is not supported in HTML5. Use CSS instead.

[CSS Example: Set the color of text](https://www.w3schools.com/tags/tryit.asp?filename=tryhtml_font_color_css)

[CSS Example: Set the font of text](https://www.w3schools.com/tags/tryit.asp?filename=tryhtml_font_face_css)

[CSS Example: Set the size of text](https://www.w3schools.com/tags/tryit.asp?filename=tryhtml_font_size_css)

**<p style="color:red">Paragraph1</p>**

**<p style="font-family:'Courier New'">Paragraph2</p>**

**<p style="font-size:11px">Paragraph3</p>**

## HTML Links - Create a Bookmark

HTML bookmarks are used to allow readers to jump to specific parts of a Web page.

Bookmarks can be useful if your webpage is very long.

To make a bookmark, you must first create the bookmark, and then add a link to it.

When the link is clicked, the page will scroll to the location with the bookmark.

<!DOCTYPE html>

<html>

<body>

**<p><a href="#T7">Click to Topic 7</a></p>**

**<h2 id="T1">Topic 1</h2>**

<p>This is About HTML Page1</p>

<p>This is About HTML Page2</p>

<p>This is About HTNL Page3</p>

<h2>Topic 2</h2>

<p>This is About Java Script Page1</p>

<p>This is About Java Script Page2</p>

<p>This is About Java Script Page3</p>

<p>This is About Java Script Page4</p>

<p>This is About Java Script Page5</p>

<p>This is About Java Script Page6</p>

<p>This is About Java Script Page7</p>

<h2>Topic 3</h2>

<p>This Topic explains PHP</p>

<p>This Topic explains PHP</p>

<p>This Topic explains PHP</p>

<p>This Topic explains PHP</p>

<p>This Topic explains PHP</p>

<p>This Topic explains PHP</p>

<h2>Topic 4</h2>

<p>This Topic explains Java Programming</p>

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<p>This Topic explains Java Programming</p>

<h2>Topic 5</h2>

<p>This Topic explains Web Programming</p>

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<h2>Topic 6</h2>

<p>This Topic explains C++ Programming</p>

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**<h2 id="T7">Topic 7</h2>**

<p>This Topic explains DBMS</p>

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<h2>Topic 8</h2>

<p>This Topic explains RDBMS</p>

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<h2>Topic 9</h2>

<p>This Topic explains Programming</p>

<h2>Topic 10</h2>

<p>This Topic explains Web Development</p>

<p>This Topic explains Web Development</p>

<p>This Topic explains Web Development</p>

<p>This Topic explains Web Development</p>

<p>This Topic explains Web Development</p>

**<h2><a href="#T1">Click to Topic 1</a></h2>**

</body>

</html>