

HTML - Tables

A table is simply a combination of rows and columns. Tables are defined with the `<table>` tag and its related tags to make an attractive web page.

A table is divided into rows and each row is divided into data cells. The letters `td` stands for table data, which is the content of a data cell. A data cell can contain text, images, lists, paragraphs, forms, horizontal rules, etc.

To create a table used `<table>...</table>` element is used to create a new table. The following list of table tag attributes.

Table Tag Attributes

Attributes	Description
<code>border</code>	it is used to specify the thickness of the border of table.
<code>bordercolor</code>	it is used to specify the color of all the border of table.
<code>bordercolorlight/dark</code>	it is used to specify the left-top /right-bottom border color of table.
<code>align</code>	it is used to specify to which side the table is to be displayed like left, right, center.
<code>height and width</code>	The height of a table can be specified with height attribute and width of an attribute can be specified with width attribute.
<code>bgcolor</code>	it is used to specify the background color of the table.
<code>background</code>	this attribute is used to insert image in table background.
<code>cellspacing</code>	it is used to specify the space between the adjacent cells.
<code>cellpadding</code>	it is used to put some space around the text within a cell.

`<tr>...</tr>`

Table row defines a horizontal row that consists of table data cells. This tag has its own attributes as follows.

Attributes	Description
<code>align</code>	This attribute is useful to decide the content of row either left right or center side of the cell.
<code>valign</code>	this attribute is useful to decide the content of cell to be placed on top, bottom or middle of the cell.
<code>height and width</code>	it is used to specify the size of individual cell. There also the value can be in percentage or pixels.
<code>bgcolor</code>	it is used to specify the background color of the row.

`<td>...</td>`

It defines a cell. Table data contained within these tags. You can also nest additional tables within a single cell. You can optionally leave off the closing `<td>` tag. This tag has also some attributes. They are same as table header tag `<th>`

<th>...</th>

Table header tag are used to define headers,usually in the first row or column of the table .you can optionally leave off the closing <th> tag.

Attributes	Description
align	This attribute is useful to put heading in cell on either left,right or center.
valign	This attribute is useful to decide the content of cell to placed on top,bottom or middle of the cell.
height and width	Used to specify the size of individual cell.there also the value can be in percentage or in pixels.
bgcolor	Used to specify the background color of the call heading.
colspan	This attribute is used to join two or more than two columns.its value is given in integer.
rowspan	This attribute is used to join two or more than two rows.its value is given in integer.

Example of Table

```
<html>
<head>
    <title>HTML - Table</title>
</head>
<body>
<table border="2" height="400px" width="500px">
<tr>
<td>Item No.</td>
<td>Item Name</td>
<td>Item qty.</td>
</tr>
<tr>
<td>01</td>
<td>Mouse</td>
<td>10</td>
</tr>
<tr>
<td>02</td>
<td>Keyboard</td>
<td>10</td>
</tr>
<tr>
<td>03</td>
<td>Monitor</td>
<td>5</td>
</tr>
</table>
</body>
</html>
```

Output on Webpage

Item No.	Item Name	Item qty.
01	Mouse	10
02	Keyboard	10
03	Monitor	5