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HTML Tables

Previous

Next >

HTML Table Example

| Company | Contact | Country |
|------------------------------|------------------|---------|
| Alfreds Futterkiste | Maria Anders | Germany |
| Centro comercial Moctezuma | Francisco Chang | Mexico |
| Ernst Handel | Roland Mendel | Austria |
| Island Trading | Helen Bennett | UK |
| Laughing Bacchus Winecellars | Yoshi Tannamuri | Canada |
| Magazzini Alimentari Riuniti | Giovanni Rovelli | Italy |

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Defining an HTML Table

An HTML table is defined with the tag.

Each table row is defined with the $\langle tr \rangle$ tag. A table header is defined with the $\langle th \rangle$ tag. By default, table headings are bold and centered. A table data/cell is defined with the $\langle td \rangle$ tag.

Example

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```
Firstname
 Lastname
 Age
Jill
 Smith
 50
Eve
 Jackson
 94
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```

Note: The elements are the data containers of the table. They can contain all sorts of HTML elements; text, images, lists, other tables, etc.

HTML Table - Adding a Border

If you do not specify a border for the table, it will be displayed without borders.

A border is set using the CSS **border** property:

```
Example
```

```
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BOLIGET. 1px SOLIG BIGGEN,

}

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```

Remember to define borders for both the table and the table cells.

HTML Table - Collapsed Borders

If you want the borders to collapse into one border, add the CSS **border-collapse** property:

```
table, th, td {
   border: 1px solid black;
   border-collapse: collapse;
}
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```

HTML Table - Adding Cell Padding

Cell padding specifies the space between the cell content and its borders.

If you do not specify a padding, the table cells will be displayed without padding.

To set the padding, use the CSS **padding** property:

```
th, td {
    padding: 15px;
}
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```

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By default, table headings are bold and centered.

To left-align the table headings, use the CSS text-align property:

```
th {
   text-align: left;
}
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```

HTML Table - Adding Border Spacing

Border spacing specifies the space between the cells.

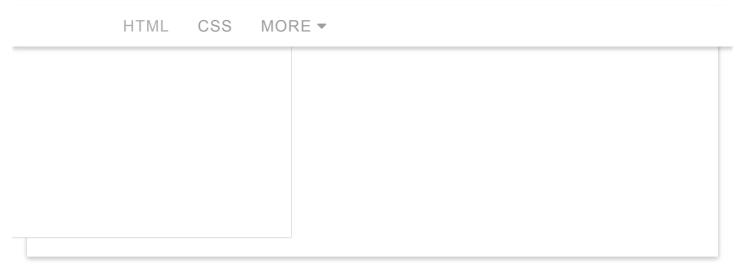
To set the border spacing for a table, use the CSS border-spacing property:

```
table {
   border-spacing: 5px;
}
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```

Note: If the table has collapsed borders, border-spacing has no effect.

HTML Table - Cells that Span Many Columns

To make a cell span more than one column, use the colspan attribute:



HTML Table - Cells that Span Many Rows

To make a cell span more than one row, use the **rowspan** attribute:

HTML Table - Adding a Caption

To add a caption to a table, use the **<caption>** tag:

```
Example
```

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Note: The <caption> tag must be inserted immediately after the tag.

A Special Style for One Table

To define a special style for a special table, add an **id** attribute to the table:

Now you can define a special style for this table:

```
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```

```
background-color: #f1f1c1;
}

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```

And add more styles:

```
table#t01 tr:nth-child(even) {
   background-color: #eee;
}
table#t01 tr:nth-child(odd) {
   background-color: #fff;
}
table#t01 th {
   color: white;
   background-color: black;
}
```

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Chapter Summary

- Use the HTML element to define a table
- Use the HTML element to define a table row
- Use the HTML element to define a table data
- Use the HTML element to define a table heading
- Use the HTML **<caption>** element to define a table caption
- Use the CSS **border** property to define a border
- Use the CSS border-collapse property to collapse cell borders
- Use the CSS padding property to add padding to cells
- Use the CSS text-align property to align cell text
- Use the CSS **border-spacing** property to set the spacing between cells
- Use the **colspan** attribute to make a cell span many columns
- Use the **rowspan** attribute to make a cell span many rows
- Use the **id** attribute to uniquely define one table

Test Yourself with Exercises!

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Exercise 6 »

HTML Table Tags

| Tag | Description |
|-----------------------|--|
| | Defines a table |
| <u>></u> | Defines a header cell in a table |
| <u></u> | Defines a row in a table |
| <u>></u> | Defines a cell in a table |
| <caption></caption> | Defines a table caption |
| <colgroup></colgroup> | Specifies a group of one or more columns in a table for formatting |
| <col/> | Specifies column properties for each column within a <colgroup> element</colgroup> |
| <thead></thead> | Groups the header content in a table |
| | Groups the body content in a table |
| <tfoot></tfoot> | Groups the footer content in a table |

∢ Previous

Next >

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Accordions
Convert Weights
Animated Buttons
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