

CSS Tables

The look of an HTML table can be greatly improved with CSS:

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

Table Borders

To specify table borders in CSS, use the `border` property.

The example below specifies a black border for `<table>`, `<th>`, and `<td>` elements:

Firstname	Lastname
Peter	Griffin
Lois	Griffin

Example

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

Notice that the table in the example above has double borders. This is because both the table and the `<th>` and `<td>` elements have separate borders.

Collapse Table Borders

The `border-collapse` property sets whether the table borders should be collapsed into a single border:

Firstname	Lastname
Peter	Griffin
Lois	Griffin

Example

```
table {  
  border-collapse: collapse;  
}
```

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

If you only want a border around the table, only specify the `border` property for `<table>`:

Firstname	Lastname
Peter	Griffin
Lois	Griffin

Example

```
table {  
  border: 1px solid black;  
}
```

Table Width and Height

Width and height of a table are defined by the `width` and `height` properties.

The example below sets the width of the table to 100%, and the height of the `<th>` elements to 50px:

Firstname	Lastname	Savings
Peter	Griffin	\$100
Lois	Griffin	\$150
Joe	Swanson	\$300

Example

```
table {  
  width: 100%;  
}
```

```
th {  
  height: 50px;  
}
```

Horizontal Alignment

The `text-align` property sets the horizontal alignment (like left, right, or center) of the content in `<th>` or `<td>`.

By default, the content of `<th>` elements are center-aligned and the content of `<td>` elements are left-aligned.

The following example left-aligns the text in `<th>` elements:

Firstname	Lastname	Savings
Peter	Griffin	\$100
Lois	Griffin	\$150
Joe	Swanson	\$300

Example

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

Vertical Alignment

The `vertical-align` property sets the vertical alignment (like top, bottom, or middle) of the content in `<th>` or `<td>`.

By default, the vertical alignment of the content in a table is middle (for both `<th>` and `<td>` elements).

The following example sets the vertical text alignment to bottom for `<td>` elements:

Firstname	Lastname	Savings
Peter	Griffin	\$100
Lois	Griffin	\$150
Joe	Swanson	\$300

Example

```
td {  
  height: 50px;  
  vertical-align: bottom;  
}
```

```
}
```

Table Padding

To control the space between the border and the content in a table, use the `padding` property on `<td>` and `<th>` elements:

Firstname	Lastname	Savings
Peter	Griffin	\$100
Lois	Griffin	\$150
Joe	Swanson	\$300

Example

```
th, td {  
  padding: 15px;  
  text-align: left;  
}
```

Horizontal Dividers

First Name	Last Name	Savings
Peter	Griffin	\$100
Lois	Griffin	\$150
Joe	Swanson	\$300

Add the `border-bottom` property to `<th>` and `<td>` for horizontal dividers:

Example

```
th, td {  
  border-bottom: 1px solid #ddd;  
}
```

Hoverable Table

Use the `:hover` selector on `<tr>` to highlight table rows on mouse over:

First Name	Last Name	Savings
Peter	Griffin	\$100

Add a container element (like `<div>`) with `overflow-x:auto` around the `<table>` element to make it responsive:

Example

```
<div style="overflow-x:auto;">
<table>
... table content ...
</table>
</div>
```

Note: In OS X Lion (on Mac), scrollbars are hidden by default and only shown when being used (even though "overflow:scroll" is set).

More Examples

[Make a fancy table](#)

This example demonstrates how to create a fancy table.

[Set the position of the table caption](#)

This example demonstrates how to position the table caption.

Test Yourself with Exercises!

CSS Table Properties

Property	Description
border	Sets all the border properties in one declaration
border-collapse	Specifies whether or not table borders should be collapsed
border-spacing	Specifies the distance between the borders of adjacent cells
caption-side	Specifies the placement of a table caption
empty-cells	Specifies whether or not to display borders and background on empty cells in a table
table-layout	Sets the layout algorithm to be used for a table