

Web Design 2 } *Tables*

Tables

- { What is a table?
- { Table tag
- { Table data
- { Table row
- { Merging

What is a Table?



Table

Layout for organizing data. It was at one time used for composition. That method is now discouraged and tables are primarily used to layout data.

Why Discouraged?

Takes longer to render, hard to update, unpredictable layout results, more difficult to work with.

Table Tag



Table Tag

```
<table>
```

```
<!-- This creates a table -->
```

```
</table>
```

Table Styles



Table Styles

—{ height

—{ width

—{ border-collapse

—{ padding

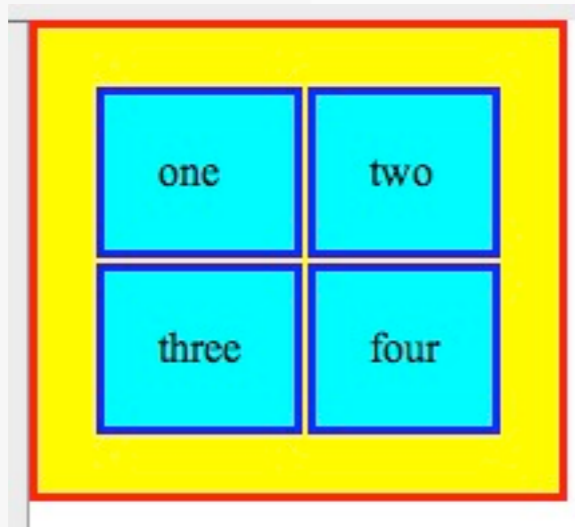
—{ align

Table Styles

- { height
- { width
- { **border-collapse**
- { **padding**
- { align

Highly used
styles

Border-Collapse and Padding



```
table{  
    border-collapse: separate;  
    padding: 20px;  
}  
td{  
    padding: 20px;  
}
```

Border-Collapse and Padding

one	two
three	four

```
table{  
    border-collapse:collapse;  
    padding:0;  
}  
  
td{  
    padding:20px;  
}
```

Border-Collapse and Padding

one	two
three	four

```
table{  
    border-collapse: collapse;  
    padding: 0;  
}  
  
td{  
    padding: 20px;  
}
```

Border-Collapse and Padding

one	two
three	four

```
table{  
    border-collapse:collapse;  
    padding:0;  
}  
  
td{  
    padding:0;  
}
```

Border-Collapse and Padding

one	two
three	four

```
table{  
    border-collapse:collapse;  
    padding:0;  
}  
  
td{  
    padding:0;  
}
```

Table Border

Remember you must define 3 styles to see the border. Width, style, and color.

Border

```
table{  
    border:thin solid #f00;  
}
```

Border

```
table{  
  border:thin solid #f00;  
}
```



width

Border

```
table{  
  border:thin solid #f00;  
}
```



style

Border

```
table{  
  border:thin solid #f00;  
}
```



color



Table Row

Table Row

This starts a new table row. You need at least one row to display a table cell (aka table data).

Table rows aren't visible until you have more than one.

Table Row

```
<table>  
  <tr>  
    <!-- a new table row -->  
  </tr>  
</table>
```

Table Row

```
<table>  
  <tr>  
    <!-- a new table row -->  
  </tr>  
</table>
```

Table Data



Table Data

Also known as a table cell.

Table Data

```
<table>  
  <tr>  
    <td>content goes here</td>  
  </tr>  
</table>
```

Table Data

```
<table>  
  <tr>  
    <td>content goes here</td>  
  </tr>  
</table>
```

What's the code for this table?

left	middle	right
------	--------	-------

Answer

```
<table>  
  <tr>  
    <td>left</td>  
    <td>middle</td>  
    <td>right</td>  
  </tr>  
</table>
```

What's the code for this table?

Tleft	Tmiddle	Tright
Mleft	Mmiddle	Mright
Bleft	Bmiddle	Bright

Answer

```
<table>

  <tr>
    <td>Tleft</td>
    <td>Tmiddle</td>
    <td>Tright</td>
  </tr>
  <tr>
    <td>Mleft</td>
    <td>Mmiddle</td>
    <td>Mright</td>
  </tr>
  <tr>
    <td>Bleft</td>
    <td>Bmiddle</td>
    <td>Bright</td>
  </tr>

</table>
```

Merging Cells



Merging Cells

Allows for consolidation of cells horizontally or vertically.

Merging Cells

— { colspan

— { rowspan

Merging Cells

Tright	Tmiddle	Tleft
Mright	Mmiddle	
Bright	Bmiddle	

`rowspan="3"`

Rowspan

```
<table>

  <tr>
    <td>Tleft</td>
    <td>Tmiddle</td>
    <td rowspan="3">Tright</td>
  </tr>
  <tr>
    <td>Mleft</td>
    <td>Mmiddle</td>
  </tr>
  <tr>
    <td>Bleft</td>
    <td>Bmiddle</td>
  </tr>

</table>
```

Rowspan

```
<table>

  <tr>
    <td>Tleft</td>
    <td>Tmiddle</td>
    <td rowspan="3">Tright</td>
  </tr>
  <tr>
    <td>Mleft</td>
    <td>Mmiddle</td>
  </tr>
  <tr>
    <td>Bleft</td>
    <td>Bmiddle</td>
  </tr>

</table>
```

Merging Cells

Tleft		
Mleft	Mmiddle	Mright
Bleft	Bmiddle	Bright

`colspan="3"`

Colspan

```
<table>

  <tr>
    <td colspan="3">Tleft</td>
  </tr>
  <tr>
    <td>Mleft</td>
    <td>Mmiddle</td>
    <td>Mright</td>
  </tr>
  <tr>
    <td>Bleft</td>
    <td>Bmiddle</td>
    <td>Bright</td>
  </tr>

</table>
```

Colspan

```
<table>

  <tr>
    <td colspan="3">Tleft</td>
  </tr>
  <tr>
    <td>Mleft</td>
    <td>Mmiddle</td>
    <td>Mright</td>
  </tr>
  <tr>
    <td>Bleft</td>
    <td>Bmiddle</td>
    <td>Bright</td>
  </tr>

</table>
```

Tables

- { What is a table?
- { Table tag
- { Table data
- { Table row
- { Merging