

Styled Table Examples

Demonstration Code

by Jesse Heines, updated October 23, 2022

adapted from *Creating a Web Site* by Matthew MacDonald, pages 234-236

Version 1

This is a plain table with no embellishments.

```
<table id="Version1">
```

City	2022 Population	2020 Census	Change
Manchester	116860	109565	6.66
Nashua	92288	86494	6.70
Concord	44232	42695	3.60
Dover	33291	29987	11.02
Rochester	33040	29752	11.05

Version 2

This table has a **border** attribute with a value of **5 pixels**.

```
<table id="Version2" border="5px">
```

City	2022 Population	2020 Census	Change
Manchester	116860	109565	6.66
Nashua	92288	86494	6.70
Concord	44232	42695	3.60
Dover	33291	29987	11.02
Rochester	33040	29752	11.05

Version 3

This version adds a **cellspacing** attribute with a value of **10 pixels**.

```
<table id="Version3" border="5px" cellspacing="10px">
```

City	2022 Population	2020 Census	Change
Manchester	116860	109565	6.66
Nashua	92288	86494	6.70
Concord	44232	42695	3.60
Dover	33291	29987	11.02
Rochester	33040	29752	11.05

Version 4

This version adds a **cellpadding** attribute with a value of **10 pixels**.

```
<table id="Version4" border="5px" cellspacing="10px" cellpadding="10px">
```

City	2022 Population	2020 Census	Change
Manchester	116860	109565	6.66
Nashua	92288	86494	6.70
Concord	44232	42695	3.60
Dover	33291	29987	11.02
Rochester	33040	29752	11.05

Version 5

This version adds attribute `style='text-align: right'` to the `td` tags in the last three columns.

```
<table id="Version5" border="5px" cellspacing="10px" cellpadding="10px">
  <tr>
    <td>Manchester</td>
    <td style='text-align: right'>116860</td>
    <td style='text-align: right'>109565</td>
    <td style='text-align: right'>6.66</td>
  </tr>
```

City	2022 Population	2020 Census	Change
Manchester	116860	109565	6.66
Nashua	92288	86494	6.70
Concord	44232	42695	3.60
Dover	33291	29987	11.02
Rochester	33040	29752	11.05

Version 6

This version adds commas to the values in the second and third columns just to make these numbers easier to read.

```
<table id="Version6" border="5px" cellspacing="10px" cellpadding="10px">
```

City	2022 Population	2020 Census	Change
Manchester	116,860	109,565	6.66
Nashua	92,288	86,494	6.70
Concord	44,232	42,695	3.60
Dover	33,291	29,987	11.02
Rochester	33,040	29,752	11.05

Version 7

This version demonstrates the use of inline CSS **style** attributes to make the table more attractive and the use of a CSS **class** attribute to make the application of those styles more compact.

Important: Note that style sheet comments are enclosed in `/* ... */` while HTML comments are enclosed in `<!-- ... -->`.

```
<style>      /* this is an internal style sheet that should go in the <head> section */
  .Version7 {      /* define a class to make the Version 7 code more compact */
    text-align: right ;      /* right-justify text in <td> elements with this class */
    border-bottom: 1px solid black ;      /* add bottom border to those elements, too */
  }
</style>

<!-- remove the border by setting it to "0px" -->
<table id="Version7" border="0px" cellspacing="0px" cellpadding="10px">
  <tr style='background-color: black'> <!-- set background color of first row to black -->
    <th style='color: white'>City</th> <!-- set text color of first row cells to white -->
    <th style='color: white'>2022<br>Population</th>
    <th style='color: white'>2020<br>Census</th>
    <th style='color: white'>Change</th>
  </tr>
  <tr>
    <!-- set the bottom border of each cell to 1-pixel solid black -->
    <td style='border-bottom: 1px solid black'>Manchester</td>
    <!-- set the text alignment of cells 2-4 to right-justified -->
    <td style='text-align: right ; border-bottom: 1px solid black'>116,860</td>
    <td style='text-align: right ; border-bottom: 1px solid black'>109,565</td>
    <td style='text-align: right ; border-bottom: 1px solid black'>6.66</td>
  </tr>
  ...
  <tr>
    <!-- set the bottom border of each cell to 1-pixel solid black -->
    <td style='border-bottom: 1px solid black'>Concord</td>
    <!-- do the same as before, but using a class -->
    <td class='Version7'>44,232</td>
    <td class='Version7'>42,695</td>
    <td class='Version7'>3.60</td>
  </tr>
</table>
```

City	2022 Population	2020 Census	Change
Manchester	116,860	109,565	6.66
Nashua	92,288	86,494	6.70
Concord	44,232	42,695	3.60
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Rochester	33,040	29,752	11.05

Version 8

This version demonstrates the use of the CSS `nth-child` pseudo-class to make the table even more attractive. (The background colors used here are `PeachPuff` and `Aquamarine`).

```
<style> /* this is an internal style sheet that should go in the <head> section */
#Version8 th {
  background-color: black ;      /* setup for reverse video, that is, */
  color: white ;                /* white text on a black background */
}
#Version8 tr:nth-child( even ) { /* format even-numbered rows */
  background-color: PeachPuff ; /* background color for cells in even-numbered rows */
}
#Version8 tr:nth-child( odd ) { /* format odd-numbered rows */
  background-color: Aquamarine; /* background color for cells in odd-numbered rows */
}
#Version8 td:nth-child( 1n+2 ) { /* format every column (1n) starting with the 2nd (+2) */
  text-align: right ;          /* make the last three columns right-justified */
}
</style>
```

```
<table id="Version8" border="0px" cellspacing="0px" cellpadding="10px">
```

Note that there are no inline styles at all in this version. All formatting is done by the internal style sheet.

City	2022 Population	2020 Census	Change
Manchester	116,860	109,565	6.66
Nashua	92,288	86,494	6.70
Concord	44,232	42,695	3.60
Dover	33,291	29,987	11.02
Rochester	33,040	29,752	11.05