

Styling Tables with CSS

The table we made earlier was pretty bland. We can enhance it with CSS.

First, here is our earlier HTML code for a table:

```
<!DOCTYPE html>
<html lang="en">
  <body>
    <h1>Game of Thrones table</h1>
    <table style="width:100%">
      <tr>
        <th>Name</th>
        <th>Phone Number</th>
        <th>Email</th>
        <th>Notes</th>
      </tr>
      <tr>
        <td>Jon Snow</td>
        <td>5032343966</td>
        <td>winterishere@thenorth.com</td>
        <td>King of the North.</td>
      </tr>
      <tr>
        <td>Daenerys Targaryen</td>
        <td>9712343966</td>
        <td>motherofdragons@ironthrone.com</td>
        <td>The mad queen.</td>
      </tr>
    </table>
  </body>
</html>
```

Here is some CSS code we can use to enhance the aesthetic of the table:

- **Border property** (this adds a border around the cells)
- **Hover selector** (this highlights the table as its hovered over)
- **Background-color** (this changes the background color of rows)

To beautify it, we would create a new, separate CSS file and call it "CSS_Table.css".

Here is the code we would write to add a silver border around the cells of the table (we are making it one px thick):

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

To add the hover effect, we write:

```
td:hover {
  background-color: yellow;
  color: black;
}
```

(This will make it so that the background color of the cells will turn to yellow and the font to black when we hover the mouse over them).

To make the top row have a black background and font written in cornsilk (very light yellow) we write:

```
tr, th {  
    background-color: black;  
    color: cornsilk;  
}
```

And finally, to make the remaining rows have a dark green background and white font, we write:

```
tr, td {  
    background-color: darkgreen;  
    color: white;  
}
```

Together, all of the code in our CSS file would look like this:

```
table {  
    border: 1px solid silver;  
}  
  
td:hover {  
    background-color: yellow;  
    color: black;  
}  
  
tr, th {  
    background-color: black;  
    color: cornsilk;  
}  
  
tr, td {  
    background-color: darkgreen;  
    color: white;  
}
```

Now we need to link our CSS file with our HTML file, so we go back to our HTML code and add:

```
<link rel="stylesheet" type="text/css" href="CSS_table.css">
```