

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>CSS Showcase by Michael Steiger</title>
  <link rel="stylesheet" href="styles.css">
</head>

<style>

/*
  For learning purposes I also added a couple more things that were mentioned
  on the W3schools website like all the different selector types.
  All items that were asked for are all included below.
*/

/* Universal selector to apply box-sizing */
* {
  box-sizing: border-box;
}

/* Element selector to style the body */
body {
  font-family: Arial, sans-serif;
  background-color: #f0f0f0;
  margin: 0;
  padding: 0;
}

/* ID selector for header */
#header {
  background: #ffffff url("img_tree.png") no-repeat right top;
  text-align: center;
  padding: 20px;
  border-bottom: 2px solid #333333;
}

/* ID selector for footer */
#footer {
  background-color: #522D80;
  color: #ffffff;
  text-align: center;
  padding: 10px 0;
}
```

```

    margin-top: 10px;
}

/* Class selector for content sections */
.content {
    padding: 20px;
    /* RGB */
    background-color: rgb(255, 255, 255);
    margin: 10px;
    /* HSL color */
    border: 2px solid hsl(120, 100%, 25%);
    /* Rounded border */
    border-radius: 10px;
    color: #333333;
}

/* Class selector with fixed background image */
.fixed-background {
    background-image: url('https://1000logos.net/wp-content/uploads/2020/09/CSS-Logo.png');
    /* Background attachment fixed */
    background-attachment: fixed;

    background-position: center; /* Center the background image */
    background-size: 50% auto; /* Make the image smaller (50% of the container's width) */

    /* Background repeat */
    background-repeat: no-repeat;
    height: 200px;
    padding: 20px;
    border: 2px dashed #f66733;
    border-width: 2px;
    border-top: 4px solid #000000;
    margin: 10px 0;
}

/* Grouping selector for headings */
h1, h2, h3 {
    color: #522D80;
}

/* Element selector to add padding and margins to paragraphs */
p {
    margin: 10px 0;
    padding: 5px;
}

```

```
}
```

```
/* Specific class to adjust width and height */
```

```
.specific-box {  
  width: 100%;  
  max-width: 600px;  
  height: 300px;  
  background-color: #e0e0e0;  
  border: 1px solid #ccc;  
  padding: 20px;  
  margin: 20px auto;  
  border-radius: 15px;  
}
```

```
</style>
```

```
<body>
```

```
<!-- Header with ID selector -->
```

```
<div id="header">
```

```
  <h1>Welcome to the CSS Showcase</h1>
```

```
  <p>by Michael Steiger</p>
```

```
</div>
```

```
<!-- Content with Class selector -->
```

```
<div class="content">
```

```
  <h2>CSS Selectors</h2>
```

```
  <p>This page demonstrates various CSS selectors and properties.</p>
```

```
  <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer nec odio. Praesent libero. Sed cursus ante dapibus diam.</p>
```

```
</div>
```

```
<!-- Fixed background section -->
```

```
<div class="fixed-background">
```

```
  <p>This section has a fixed background image, which is a the CSS logo.</p>
```

```
  <p>Pretty cool.</p>
```

```
</div>
```

```
<!-- Another content box to show the universal selector -->
```

```
<div class="content">
```

```
  <h2>More Content</h2>
```

```
  <p>This is another content section to show different styles.</p>
```

```
  <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer nec odio. Praesent libero. Sed cursus ante dapibus diam.</p>
```

</div>

<!-- Footer with ID selector -->

<div id="footer">

<p>© 2024 Michael Steiger. All Rights Reserved.</p>

</div>

</body>

</html>