

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>CSS Demo</title>

  <style>

    body {

      font-family: Arial, sans-serif;

      background-color: #f4f4f4;

      margin: 0;

      padding: 0;

      display: flex;

      justify-content: center;

      align-items: center;

      height: 100vh;

    }

    .container {

      width: 80%;

      max-width: 600px;

      background: linear-gradient(to right, #ff7e5f, #feb47b);

      padding: 30px;

      border-radius: 15px;

      box-shadow: 0px 8px 15px rgba(0, 0, 0, 0.1);

      color: white;
```

```
    text-align: center;
}
```

```
h1 {
    font-size: 2.5em;
    margin-bottom: 20px;
    text-shadow: 2px 2px 4px rgba(0, 0, 0, 0.3);
}
```

```
p {
    font-size: 1.2em;
    margin-bottom: 20px;
}
```

```
.demo-button {
    background-color: #333;
    color: white;
    padding: 12px 20px;
    font-size: 1em;
    border: none;
    border-radius: 5px;
    cursor: pointer;
    transition: background-color 0.3s ease;
}
```

```
.demo-button:hover {
```

```
background-color: #555;  
}
```

```
/* CSS for border, shadow, and margin demonstration */
```

```
.box {  
    background-color: white;  
    border: 3px solid #333;  
    border-radius: 10px;  
    padding: 20px;  
    margin-top: 20px;  
    box-shadow: 0px 5px 15px rgba(0, 0, 0, 0.1);  
}
```

```
/* CSS for visibility toggle */
```

```
.toggle-box {  
    background-color: #333;  
    color: white;  
    padding: 15px;  
    border-radius: 10px;  
    margin-top: 20px;  
    display: none;  
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<div class="container">

  <h1>CSS Interactive Demo</h1>

  <p>Click the button below to see the effect of CSS styles:</p>


  <!-- Demonstration Box -->

  <div class="box">

    <p>This is a box with border, shadow, and padding!</p>

  </div>


  <!-- Toggle Visibility Box -->

  <div class="toggle-box">

    <p>Click the button below to hide this box.</p>

  </div>


  <!-- Button to show/hide the box -->

  <button class="demo-button" onclick="toggleVisibility()">Toggle Box Visibility</button>

</div>


<script>

function toggleVisibility() {

  var box = document.querySelector('.toggle-box');

  if (box.style.display === "none" || box.style.display === "") {

    box.style.display = "block";

  } else {

    box.style.display = "none";

  }

}
```

```
}
```

```
}
```

```
</script>
```

```
</body>
```

```
</html>
```