

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

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

  <title>Temperature Converter</title>

  <style>

    Body {

      Font-family: Arial, sans-serif;

      Background-color: #f4f4f4;

      Text-align: center;

      Padding: 20px;

    }


    #converter {

      Max-width: 400px;

      Margin: 0 auto;

      Background-color: #fff;

      Padding: 20px;

      Border-radius: 8px;

      Box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);

    }


    Input {

      Width: 100%;

      Padding: 10px;

      Margin-bottom: 10px;

      Box-sizing: border-box;

    }
```

```
Button {  
    Background-color: #4caf50;  
    Color: #fff;  
    Padding: 10px 20px;  
    Border: none;  
    Border-radius: 4px;  
    Cursor: pointer;  
}
```

```
#result {  
    Margin-top: 20px;  
    Font-weight: bold;  
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<div id="converter">
```

```
    <h2>Temperature Converter</h2>
```

```
    <label for="celsius">Celsius:</label>
```

```
    <input type="number" id="celsius" placeholder="Enter temperature in Celsius">
```

```
    <label for="fahrenheit">Fahrenheit:</label>
```

```
    <input type="number" id="fahrenheit" placeholder="Enter temperature in Fahrenheit">
```

```
    <button onclick="convert()">Convert</button>
```

```
<div id="result"></div>
```

</div>

<script>

```
Function convert() {
```

```
    Var celsius = document.getElementById("celsius").value;
```

```
    Var fahrenheit = document.getElementById("fahrenheit").value;
```

```
    If (celsius !== "") {
```

```
        Fahrenheit = (celsius * 9 / 5) + 32;
```

```
        Document.getElementById("fahrenheit").value = fahrenheit;
```

```
        Document.getElementById("result").innerHTML = celsius + "°C is " + fahrenheit + "°F";
```

```
    } else if (fahrenheit !== "") {
```

```
        Celsius = (fahrenheit - 32) * 5 / 9;
```

```
        Document.getElementById("celsius").value = celsius;
```

```
        Document.getElementById("result").innerHTML = fahrenheit + "°F is " + celsius + "°C";
```

```
    } else {
```

```
        Alert("Please enter a temperature value.");
```

```
    }
```

```
}
```

</script>

</body>

</html>