

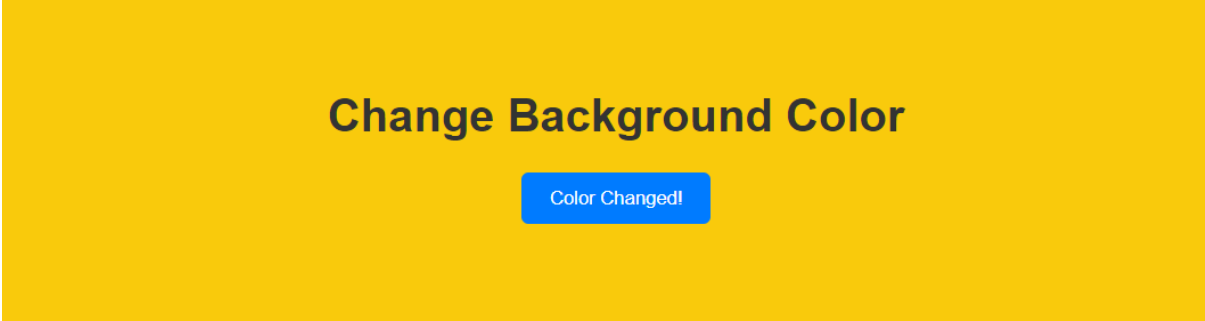
T1.

```
index.html > html > body > div.container
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4  <meta charset="UTF-8">
5  <meta name="viewport" content="width=device-width, initial-scale=1.0">
6  <title>Change Background Color</title>
7  <style>
8      body {
9          font-family: Arial, sans-serif;
10         text-align: center;
11         padding-top: 50px;
12     }
13     h1 {
14         color: #333;
15     }
16     .container {
17         margin-top: 20px;
18     }
19     .btn {
20         padding: 10px 20px;
21         background-color: #007bff;
22         color: #fff;
23         border: none;
24         border-radius: 5px;
25         cursor: pointer;
26         transition: background-color 0.3s;
27     }
28     .btn:hover {
29         background-color: #0056b3;
30     }
31 </style>
32 </head>
33 <body>
34
35 <h1>Change Background Color</h1>
36
```

```
index.html > html > body > div.container
35 <h1>Change Background Color</h1>
36
37 <div class="container">
38   <button id="colorBtn" class="btn">Change Color</button>
39 </div>
40 <script>
41   const colorBtn = document.getElementById('colorBtn');
42   const body = document.body;
43
44   colorBtn.addEventListener('click', function() {
45     const randomColor = getRandomColor();
46     body.style.backgroundColor = randomColor;
47     colorBtn.textContent = 'Color Changed!';
48   });
49
50   function getRandomColor() {
51     const letters = '0123456789ABCDEF';
52     let color = '#';
53     for (let i = 0; i < 6; i++) {
54       color += letters[Math.floor(Math.random() * 16)];
55     }
56     return color;
57   }
58 </script>
59 </body>
60 </html>
```

Change Background Color

Change Color



T2.

```

index.html > html
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4  <meta charset="UTF-8">
5  <meta name="viewport" content="width=device-width, initial-scale=1.0">
6  <title>Change Background Color</title>
7  <style>
8      body {
9          font-family: Arial, sans-serif;
10         text-align: center;
11         padding-top: 50px;
12         background-color: lightgreen; /* Change background color to light green */
13         color: red; /* Make the text red */
14         font-size: 48pt; /* Change fontSize to 48pt */
15     }
16     .container {
17         margin-top: 20px;
18     }
19     .btn {
20         padding: 10px 20px;
21         background-color: #007bff;
22         color: #fff;
23         border: none;
24         border-radius: 5px;
25         cursor: pointer;
26         transition: background-color 0.3s;
27     }
28     .btn:hover {
29         background-color: #0056b3;
30     }
31 </style>
32 </head>
33 <body>
34
35 <h1 id="heading">Change Background Color</h1>
36 <button id="colorBtn" class="btn">Change Color</button> <!-- Added button after closing </h1> -->
37
38 <script>
39     const colorBtn = document.getElementById('colorBtn');
40     const body = document.body;
41     const heading = document.getElementById('heading'); // Get the heading element
42
43     colorBtn.addEventListener('click', function() {
44         body.style.backgroundColor = 'lightgreen'; // a. Make the background light green.
45         body.style.color = 'red'; // b. Make the text red.
46         body.style.fontSize = '48pt'; // c. Change fontSize to 48pt.
47         heading.textContent = 'Color Changed!'; // d. Change the wording inside the <h1> tag
48         colorBtn.textContent = 'Color Changed!'; // Update button text
49     });
50 </script>
51
52 </body>
53 </html>

```

# Change Background Color

Change Color

# Color Changed!

Color Changed!

T3.

```

index.html > html
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4  <meta charset="UTF-8">
5  <meta name="viewport" content="width=device-width, initial-scale=1.0">
6  <title>Dynamic Content Change</title>
7  <style>
8      body {
9          font-family: Arial, sans-serif;
10         text-align: center;
11         padding-top: 50px;
12     }
13     main {
14         background-color: #f0f0f0;
15         padding: 20px;
16         border-radius: 10px;
17         margin-bottom: 20px;
18     }
19     .container {
20         display: flex;
21         justify-content: center;
22         align-items: center;
23         margin-top: 20px;
24     }
25     .btn {
26         padding: 10px 20px;
27         background-color: #007bff;
28         color: #fff;
29         border: none;
30         border-radius: 5px;
31         cursor: pointer;
32         transition: background-color 0.3s;
33     }
34     .btn:hover {
35         background-color: #0056b3;
36     }

```

```

index.html > html
37     .new-content {
38         font-size: 20px;
39         color: #ff5733;
40         font-weight: bold;
41         text-transform: uppercase;
42         margin-top: 20px;
43     }
44 </style>
45 </head>
46 <body>
47
48 <main>
49     <h1>Main Content</h1>
50     <p>This is the original content of the main section.</p>
51 </main>
52
53 <div class="container">
54     <button id="changeContentBtn" class="btn">Change Content</button>
55 </div>
56
57 <script>
58     const changeContentBtn = document.getElementById('changeContentBtn');
59     const mainContent = document.querySelector('main');
60
61     changeContentBtn.addEventListener('click', function() {
62         mainContent.innerHTML = `
63             <h1>New Content</h1>
64             <p class="new-content">This is the new content with different style.</p>
65         `;
66     });
67 </script>
68
69 </body>
70 </html>

```

## Main Content

This is the original content of the main section.

Change Content

## New Content

THIS IS THE NEW CONTENT WITH DIFFERENT STYLE.

Change Content

T4.

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Changing Heading Color</title>
<style>
  body {
    font-family: Arial, sans-serif;
    text-align: center;
    padding-top: 50px;
  }
  main {
    background-color: #f0f0f0;
    padding: 20px;
    border-radius: 10px;
    margin-bottom: 20px;
  }
  .container {
    display: flex;
    justify-content: center;
    align-items: center;
    margin-top: 20px;
  }
  .btn {
    padding: 10px 20px;
    background-color: #007bff;
    color: #fff;
    border: none;
    border-radius: 5px;
    cursor: pointer;
    transition: background-color 0.3s;
  }
  .btn:hover {
    background-color: #0056b3;
  }
</style>
</html>
```

```

index.html > html
34     .btn:hover {
35         background-color: #0056b3;
36     }
37     .heading-style {
38         color: green;
39     }
40 </style>
41 </head>
42 <body>
43 <h1 id="heading">Heading Outside Main Section</h1>
44 <main>
45     <h1>Main Content</h1>
46     <p>This is the original content of the main section.</p>
47 </main>
48 <div class="container">
49     <button id="changeContentBtn" class="btn">Change Content</button>
50 </div>
51 <script>
52     const changeContentBtn = document.getElementById('changeContentBtn');
53     const mainContent = document.querySelector('main');
54     const heading = document.getElementById('heading');
55     changeContentBtn.addEventListener('click', function() {
56         mainContent.innerHTML = `
57             <h1>New Content</h1>
58             <p class="new-content">This is the new content with different style.</p>
59         `;
60         let col=["Red","Blue","Green"];
61         let val=col[Math.floor(Math.random()*col.length)];
62         heading.style.color = val;
63     });
64 </script>
65 </body>
66 </html>

```

## Heading Outside Main Section

### Main Content

This is the original content of the main section.

Change Content

## Heading Outside Main Section

### New Content

This is the new content with different style.

Change Content






```
<> index.html > ...
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4  <meta charset="UTF-8">
5  <meta name="viewport" content="width=device-width, initial-scale=1.0">
6  <title>Browser Versions</title>
7  <style>
8      body {
9          font-family: Arial, sans-serif;
10         margin: 0;
11         padding: 0;
12     }
13
14     .grid-container {
15         display: grid;
16         grid-template-rows: auto auto;
17         grid-template-columns: repeat(5, 1fr); /* Adjust the number based on the number of browsers
18         gap: 10px;
19         padding: 20px;
20     }
21
22     .grid-item {
23         text-align: center;
24     }
25
26     .icon {
27         width: 60px;
28         height: 60px;
29     }
30
31     .version {
32         font-size: 18px;
33         margin-top: 5px;
34     }
35
```



```

index.html > ...
36     table {
37         width: 100%;
38         border-collapse: collapse;
39     }
40
41     th, td {
42         border: 1px solid #dddddd;
43         padding: 8px;
44         text-align: left;
45     }
46
47     th {
48         background-color: #f2f2f2;
49     }
50 </style>
51 </head>
52 <body>
53
54     <table>
55         <tbody>
56             <tr>
57                 <td></td>
58                 <td></td>
59                 <td></td>
60                 <td></td>
61                 <td></td>
62             </tr>
63             <tr>
64                 <td>Latest Version: 57</td>
65                 <td>Latest Version: 52</td>
66                 <td>Latest Version: 16</td>
67                 <td>Latest Version: 10</td>
68                 <td>Latest Version: 44</td>
69             </tr>
70         </tbody>
71     </table>
72

```

				
Latest Version: 57	Latest Version: 52	Latest Version: 16	Latest Version: 10	Latest Version: 44