

Create a HTML page to change the background color for every click of a button using JavaScript Event Handling.

```
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Background change</title>
</head>
<style>
  .container{
    width:100%;
    height:100%;
    text-align: center;
    display: grid;
  }
  #btn{
    margin:auto;
    padding:1em;
    border:3px solid black;
    outline:none;
  }
</style>
<body>
<div class="container">
  <input id="btn" type="button" value="Change background">
</div>

  <script>
    document.getElementById("btn").addEventListener("click", colorchange);
    function colorchange() {

      var color = '#' + Math.floor(Math.random() * 10000000).toString(16);
      document.body.style.background = color;
    }
  </script>
</body>

</html>
```