

```
1 <!DOCTYPE html>
2 <html lang="en">
3   <head>
4     <meta charset="UTF-8" />
5     <meta name="viewport" content="width=device-width,
6       initial-scale=1.0" />
7     <meta http-equiv="X-UA-Compatible" content="ie=edge" />
8     <title>Number Guessing Game</title>
9     <link rel="stylesheet" href="style.css" />
10    <link rel="stylesheet" href=" ../styles.css" />
11  </head>
12  <body style="background-color: #212121; color: #fff">
13    <nav>
14      <a href="/" aria-current="page">Home</a>
15      <a target="_blank" href="https://www.youtube.com/@chaiaurcode">
16        Youtube channel</a>
17    </nav>
18
19    <h1>Start should change the Background color every second</h1>
20    <button id="start">Start</button>
21    <button id="stop">Stop</button>
22    <script src="chaiaurcode.js"></script>
23  </body>
24 </html>
```

```
1 //generate a random color
2
3 const randomColor = function () {
4   const hex = '0123456789ABCDEF';
5   let color = '#';
6   for (let i = 0; i < 6; i++) {
7     color += hex[Math.floor(Math.random() * 16)];
8   }
9   return color;
10 };
11
12 let intervalId;
13 const startChangingColor = function () {
14   if (!intervalId) {
15     intervalId = setInterval(changeBgColor, 1000);
16   }
17
18   function changeBgColor() {
19     document.body.style.backgroundColor = randomColor();
20   }
21 };
22 const stopChangingColor = function () {
23   clearInterval(intervalId);
24   intervalId = null;
25 };
```

```
24 | intervalId = null,  
25 | };  
26  
27 document.querySelector('#start').addEventListener('click',  
startChangingColor);  
28  
29 document.querySelector('#stop').addEventListener('click',  
stopChangingColor);  
30 |
```

Home

Youtube channel

Start should change the Background color every second

Start

Stop

Activate Windows

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Start should change the Background color every second

[Start](#)[Stop](#)

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