

HTML CODE

```
<h1>
  <button id="genNew">Generate New Random Color</button>
  <span id="color"></span>
</h1>
```

CSS code

```
body {
  height: 100vh;
  margin: 0;
  padding: 1rem;
  display: grid;
  place-items: center;
  font-family: system-ui;
}
h1 {
  background: white;
  padding: 1rem 2rem;
  text-align: center;
}
span {
  display: block;
  padding: 1rem;
  font-size: 1rem;
  font-weight: normal;
  font-family: monospace;
}
```

javascript code

```
const setBg = () => {
  const randomColor = Math.floor(Math.random()*16777215).toString(16);
  document.body.style.backgroundColor = "#" + randomColor;
  color.innerHTML = "#" + randomColor;
}

genNew.addEventListener("click", setBg);
setBg();
```