

APPDEV1 – Introduction to Application Development
Dela Cruz, Rupert C.

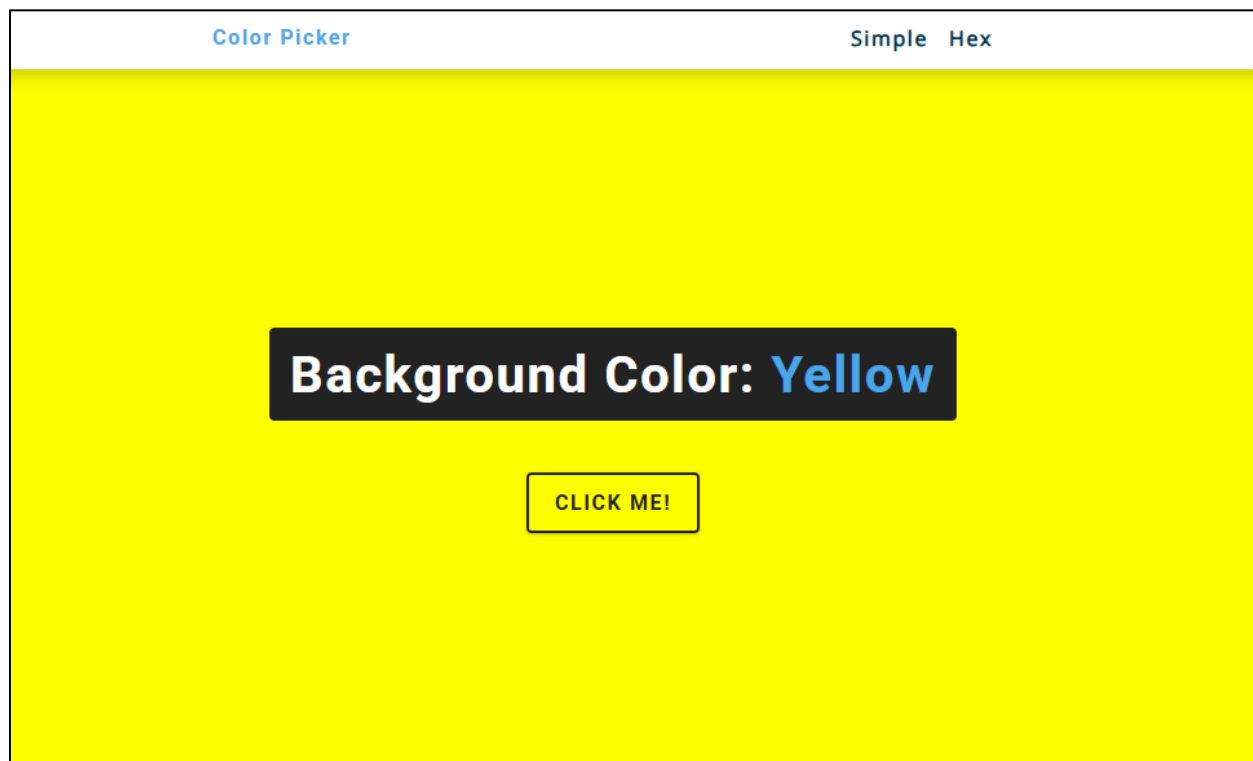
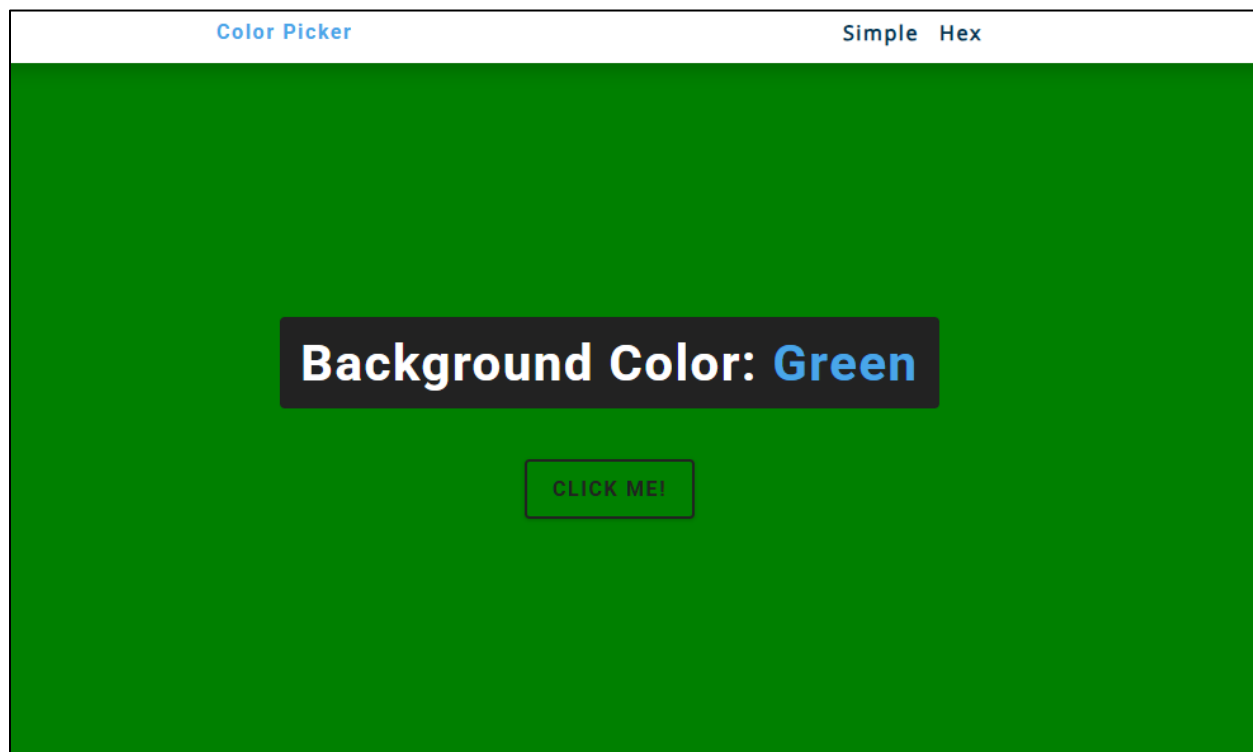
August 11, 2025 – Documentation:

Code:

```
APPDEV1 > Color Picker > <> index.html > <> html > <> script
1  <!DOCTYPE html>
2  <html lang="en">
3      <head>
4          <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
5          <meta name="viewport" content="width=device-width, initial-scale=1.0">
6          <title>
7              Color Picker
8          </title>
9          <link rel="stylesheet" href="style.css">
10     </head>
11     <body>
12         <nav>
13             <div class="nav-center">
14                 <h4>Color Picker</h4>
15                 <ul class="nav-links">
16                     <li><a href="index.html">Simple</a></li>
17                     <li><a href="">Hex</a></li>
18                     <li></li>
19                     <li></li>
20                 </ul>
21             </div>
22         </nav>
23         <main>
24             <div class="container">
25                 <h2>Background Color: <span class="color">#f1f5f8</span></h2>
26                 <button class="btn btn-hero" id="btn">Click Me!</button>
27             </div>
28         </main>
29     </body>
30     <script src="script.js"></script>
31 </html>
```

```
# style.css  JS script.js  X
APPDEV1 > Color Picker > JS script.js > getRandomNumber
1  const colors = ["green", "red", "blue", "f15025", "yellow", ""]
2  const btn = document.getElementById("btn")
3  const color = document.querySelector(".color")
4
5  btn.addEventListener("click", () => {
6      console.log(document.body)
7      const randomNumber = getRandomNumber()
8      document.body.style.backgroundColor = colors[randomNumber]
9      color.textContent = colors[randomNumber]
10 })
11
12 getRandomNumber = () => {
13     return Math.floor(Math.random() * colors.length)
14 }
```

Sample Outputs:



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