```
index.html U  ✕      JS script.js U        # style.css U

Color Picker > <> index.html > html > head > main > div.container
 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>Color Picker</title>
 7        <link rel="stylesheet" href="style.css">
 8  ∨     <nav>
 9  ∨        <div class="nav-center">
10               <h4>Color Picker</h4>
11  ∨            <ul class="nav-links">
12                   <li><a href="index.html">Home</a>
13                   </li>
14  ∨            <li>
15                   <a href="">Hex</a>
16               </li>
17               </ul>
18           </div>
19         </nav>
20  ∨     <main>
21  ∨        <div class="container">
22               <h2>Background Color: <span class="color">#f1f5f8</span></h2>
23               <button class="btn btn-hero" id="btn">Click Me!</button>
24           </div>
25         </main>
26         <script src="script.js"></script>
27    </head>
28    </html>
```
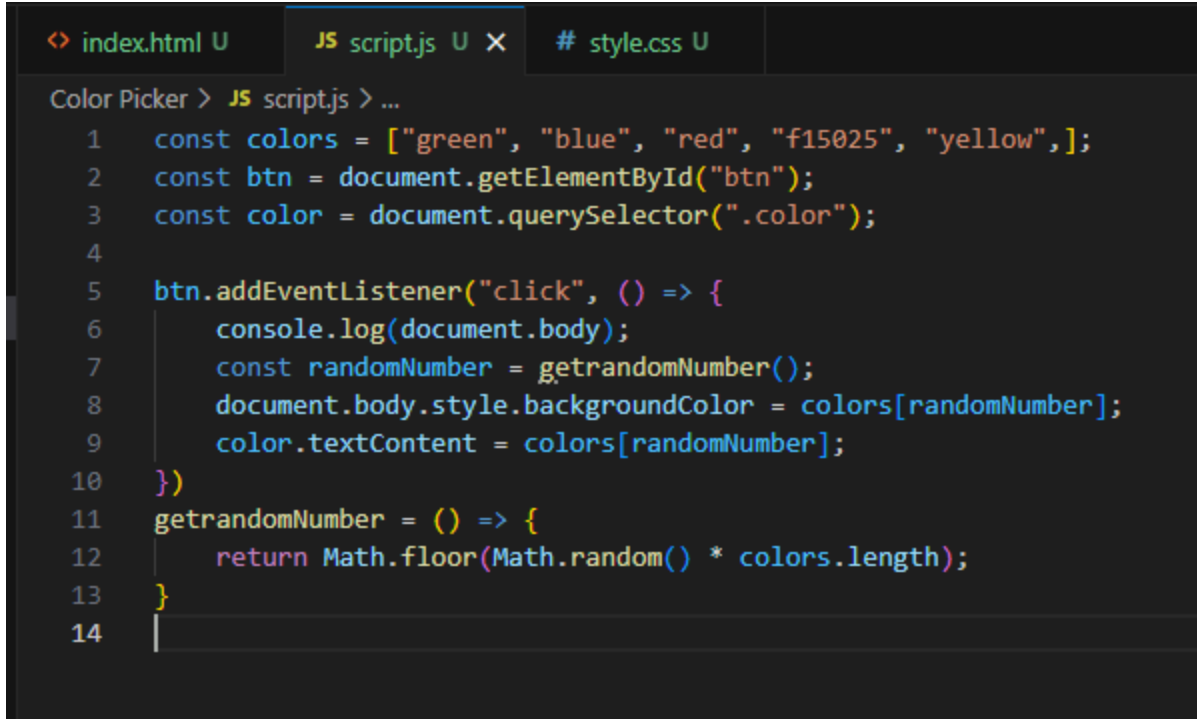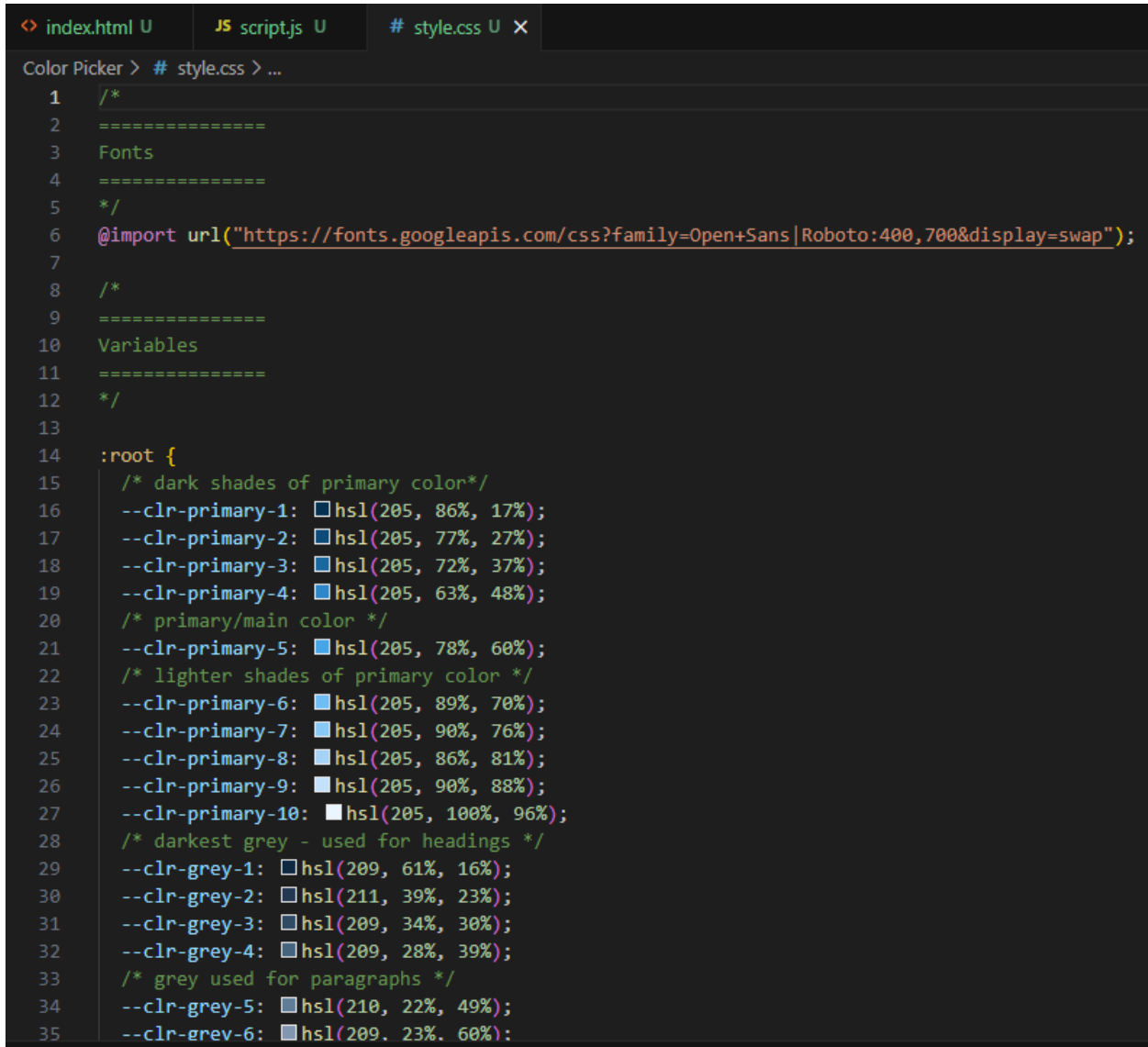
INDEX

```
index.html U        JS script.js U ×       # style.css U

Color Picker > JS script.js > ...
  1    const colors = ["green", "blue", "red", "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    getrandomNumber = () => {
 12        return Math.floor(Math.random() * colors.length);
 13    }
 14    |
```

SCRIPT.JS

```css
/*
===============
Fonts
===============
*/
@import url("https://fonts.googleapis.com/css?family=Open+Sans|Roboto:400,700&display=swap");

/*
===============
Variables
===============
*/

:root {
  /* dark shades of primary color*/
  --clr-primary-1: hsl(205, 86%, 17%);
  --clr-primary-2: hsl(205, 77%, 27%);
  --clr-primary-3: hsl(205, 72%, 37%);
  --clr-primary-4: hsl(205, 63%, 48%);
  /* primary/main color */
  --clr-primary-5: hsl(205, 78%, 60%);
  /* lighter shades of primary color */
  --clr-primary-6: hsl(205, 89%, 70%);
  --clr-primary-7: hsl(205, 90%, 76%);
  --clr-primary-8: hsl(205, 86%, 81%);
  --clr-primary-9: hsl(205, 90%, 88%);
  --clr-primary-10: hsl(205, 100%, 96%);
  /* darkest grey - used for headings */
  --clr-grey-1: hsl(209, 61%, 16%);
  --clr-grey-2: hsl(211, 39%, 23%);
  --clr-grey-3: hsl(209, 34%, 30%);
  --clr-grey-4: hsl(209, 28%, 39%);
  /* grey used for paragraphs */
  --clr-grey-5: hsl(210, 22%, 49%);
  --clr-grey-6: hsl(209, 23%, 60%);
```

```css
36      --clr-grey-7: ■hsl(211, 27%, 70%);
37      --clr-grey-8: ■hsl(210, 31%, 80%);
38      --clr-grey-9: ■hsl(212, 33%, 89%);
39      --clr-grey-10: ■hsl(210, 36%, 96%);
40      --clr-white: ■#fff;
41      --clr-red-dark: ■hsl(360, 67%, 44%);
42      --clr-red-light: ■hsl(360, 71%, 66%);
43      --clr-green-dark: ■hsl(125, 67%, 44%);
44      --clr-green-light: ■hsl(125, 71%, 66%);
45      --clr-black: □#222;
46      --ff-primary: "Roboto", sans-serif;
47      --ff-secondary: "Open Sans", sans-serif;
48      --transition: all 0.3s linear;
49      --spacing: 0.1rem;
50      --radius: 0.25rem;
51      --light-shadow: 0 5px 15px □rgba(0, 0, 0, 0.1);
52      --dark-shadow: 0 5px 15px □rgba(0, 0, 0, 0.2);
53      --max-width: 1170px;
54      --fixed-width: 620px;
55    }
56    /*
57    ================
58    Global Styles
59    ================
60    */
61
62    *,
63    ::after,
64    ::before {
65      margin: 0;
66      padding: 0;
```

```css
68   }
69   body {
70     font-family: var(--ff-secondary);
71     background: var(--clr-grey-10);
72     color: var(--clr-grey-1);
73     line-height: 1.5;
74     font-size: 0.875rem;
75   }
76   ul {
77     list-style-type: none;
78   }
79   a {
80     text-decoration: none;
81   }
82   h1,
83   h2,
84   h3,
85   h4 {
86     letter-spacing: var(--spacing);
87     text-transform: capitalize;
88     line-height: 1.25;
89     margin-bottom: 0.75rem;
90     font-family: var(--ff-primary);
91   }
92   h1 {
93     font-size: 3rem;
94   }
95   h2 {
96     font-size: 2rem;
97   }
98   h3 {
```

```css
 99        font-size: 1.25rem;
100      }
101  v h4 {
102        font-size: 0.875rem;
103      }
104  v p {
105        margin-bottom: 1.25rem;
106        color: var(--clr-grey-5);
107      }
108  v @media screen and (min-width: 800px) {
109  v    h1 {
110          font-size: 4rem;
111        }
112  v    h2 {
113          font-size: 2.5rem;
114        }
115  v    h3 {
116          font-size: 1.75rem;
117        }
118  v    h4 {
119          font-size: 1rem;
120        }
121  v    body {
122          font-size: 1rem;
123        }
124      h1,
125      h2,
126      h3,
127  v    h4 {
128          line-height: 1;
129        }
```

```css
130   }
131   /*  global classes */
132
133   /* section */
134   .section {
135     padding: 5rem 0;
136   }
137
138   .section-center {
139     width: 90vw;
140     margin: 0 auto;
141     max-width: 1170px;
142   }
143   @media screen and (min-width: 992px) {
144     .section-center {
145       width: 95vw;
146     }
147   }
148   main {
149     min-height: 100vh;
150     display: grid;
151     place-items: center;
152   }
153
154   /*
155   ================
156   Nav
157   ================
158   */
159   nav {
160     background: var(--clr-white);
161     height: 3rem;
```

```css
162      display: grid;
163      align-items: center;
164      box-shadow: var(--dark-shadow);
165    }
166    .nav-center {
167      width: 90vw;
168      max-width: var(--fixed-width);
169      margin: 0 auto;
170      display: flex;
171      align-items: center;
172      justify-content: space-between;
173    }
174    .nav-center h4 {
175      margin-bottom: 0;
176      color: var(--clr-primary-5);
177    }
178    .nav-links {
179      display: flex;
180    }
181    nav a {
182      text-transform: capitalize;
183      font-weight: 700;
184      font-size: 1rem;
185      color: var(--clr-primary-1);
186      letter-spacing: var(--spacing);
187      margin-right: 1rem;
188    }
189    nav a:hover {
190      color: var(--clr-primary-5);
191    }
192    /*
193    ================
```

```css
194    Container
195    ===============
196    */
197    main {
198      min-height: calc(100vh - 3rem);
199      display: grid;
200      place-items: center;
201    }
202    .container {
203      text-align: center;
204    }
205    .container h2 {
206      background: var(--clr-black);
207      color: var(--clr-white);
208      padding: 1rem;
209      border-radius: var(--radius);
210      margin-bottom: 2.5rem;
211    }
212    .color {
213      color: var(--clr-primary-5);
214    }
215    .btn-hero {
216      font-family: var(--ff-primary);
217      text-transform: uppercase;
218      background: transparent;
219      color: var(--clr-black);
220      letter-spacing: var(--spacing);
221      display: inline-block;
222      font-weight: 700;
223      transition: var(--transition);
224      border: 2px solid var(--clr-black);
225      cursor: pointer;
226      box-shadow: 0 1px 3px □rgba(0, 0, 0, 0.2);
227      border-radius: var(--radius);
228      font-size: 1rem;
229      padding: 0.75rem 1.25rem;
230    }
231    .btn-hero:hover {
232      color: var(--clr-white);
233      background: var(--clr-black);
234    }
```