Color Picker
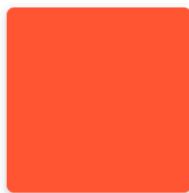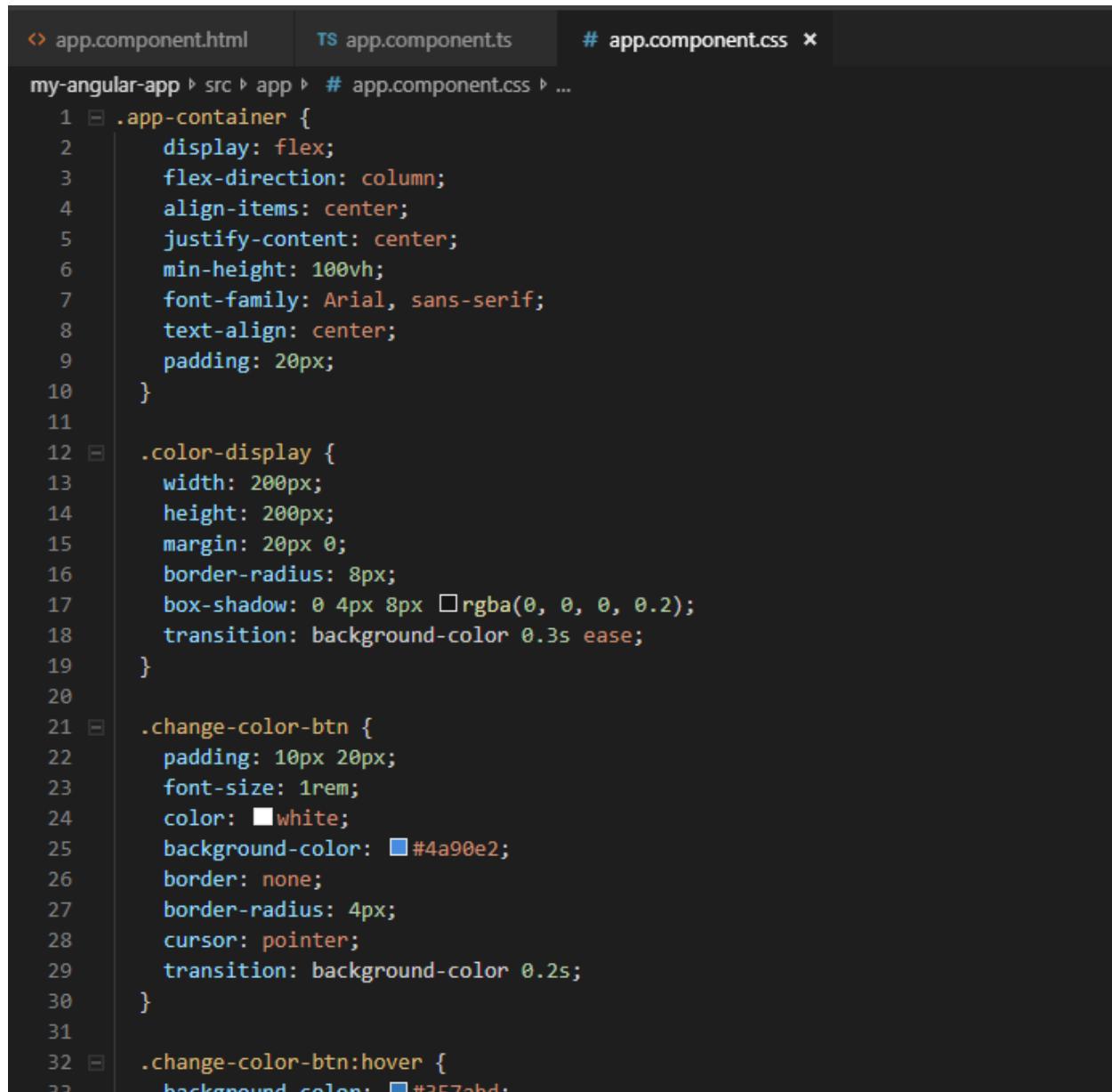
Change color

Current Color: #FF5733

```html
app.component.html ×        TS app.component.ts        # app.component.css

my-angular-app ▸ src ▸ app ▸ <> app.component.html ▸ ◆ div.app-container
1    <div class ="app-container">
2      <h1> Color Picker</h1>
3      <div class="color-display" [style.background-color] = "currentColor()"></div>
4      <button (click) = "changeColor()" class="change-color-btn">
5        Change color
6      </button>
7      <p>Current Color: {{currentColor()}}</p>
8    </div>
```
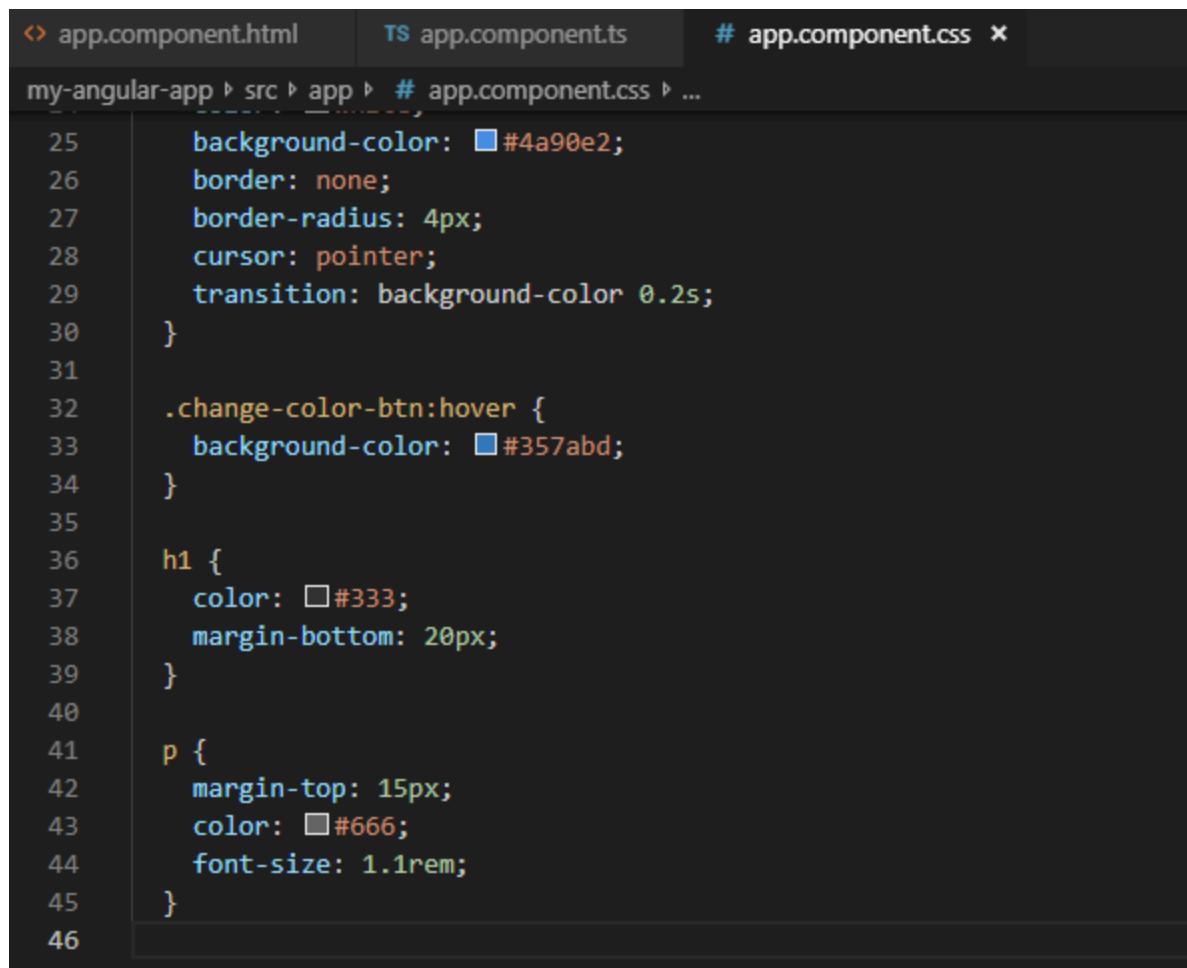
```typescript
<> app.component.html        TS app.component.ts ×        # app.component.css

my-angular-app ▸ src ▸ app ▸ TS app.component.ts ▸ ❖ AppComponent ▸ ⦾ changeColor
1    import { Component,signal } from '@angular/core';
2
3    @Component({
4      selector: 'app-root',
5      templateUrl: './app.component.html',
6      standalone: false,
7      styleUrl: './app.component.css'
8    })
9    export class AppComponent {
10     colors = ['#FF5733','#33FF57','#3357FF','#F3FF33','FF335F5','#33FFF5'];
11     currentColorIndex = signal(0);
12     currentColor = signal(this.colors[0]);
13
14     changeColor(){
15       //Calculate the next index of colors
16       const nextIndex = (this.currentColorIndex() + 1) %
17       this.colors.length;
18       this.currentColorIndex.set(nextIndex);
19       this.currentColor.set(this.colors[nextIndex]);
20     }
21   }
22
```

```css
.app-container {
    display: flex;
    flex-direction: column;
    align-items: center;
    justify-content: center;
    min-height: 100vh;
    font-family: Arial, sans-serif;
    text-align: center;
    padding: 20px;
}

.color-display {
    width: 200px;
    height: 200px;
    margin: 20px 0;
    border-radius: 8px;
    box-shadow: 0 4px 8px rgba(0, 0, 0, 0.2);
    transition: background-color 0.3s ease;
}

.change-color-btn {
    padding: 10px 20px;
    font-size: 1rem;
    color: white;
    background-color: #4a90e2;
    border: none;
    border-radius: 4px;
    cursor: pointer;
    transition: background-color 0.2s;
}

.change-color-btn:hover {
    background-color: #357abd;
```

`<>` app.component.html   TS app.component.ts   # app.component.css ✕

my-angular-app ▸ src ▸ app ▸ # app.component.css ▸ ...

```css
25        background-color: #4a90e2;
26        border: none;
27        border-radius: 4px;
28        cursor: pointer;
29        transition: background-color 0.2s;
30      }
31
32    .change-color-btn:hover {
33        background-color: #357abd;
34      }
35
36    h1 {
37        color: #333;
38        margin-bottom: 20px;
39      }
40
41    p {
42        margin-top: 15px;
43        color: #666;
44        font-size: 1.1rem;
45      }
46
```