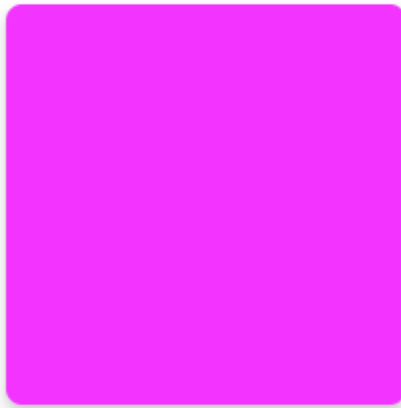APPDEV1
Zapanta, Zeus Levi C.
IAB1

Color Changer

Change Color

Current Color: #F333FF

APPDEV1
Zapanta, Zeus Levi C.
IAB1

```ts
src > app > TS app.ts > ...
   import { Component, signal } from '@angular/core';

   @Component({
     selector: 'app-root',
     templateUrl: './app.html',
     standalone: false,
     styleUrl: './app.css'
   })
   export class App {
     protected readonly title = signal('Activity4');

     colors = ['red', 'blue', 'green', 'yellow', 'purple', 'orange', 'pink', 'brown', 'black'

     currentColorIndex = signal(0);
     currentColor = signal(this.colors[0]);

     changeColor() {
       // Calculate the next index and update the current color
       const nextIndex = (this.currentColorIndex() + 1) % this.colors.length;
       this.currentColorIndex.set(nextIndex);
       this.currentColor.set(this.colors[nextIndex]);
       return nextIndex;
     }
   }
```

```html
c > app > <> app.html > @ div.app-container
<div class="app-container">
  <h1>Color Picker</h1>
  <div class="color-display" [style.background-color] = "currentColor()">

  </div>
  <button (click) = "changeColor()" class="change-color-btn">
      Change Color
    </button>
  <p>Current Color = {{currentColor()}}</p>
</div>
```