


```
<StoreApp :primaryColor="primary.text" />
```

```
<form class="controls">
```

```
  <fieldset>
```

```
    <legend>Main color:</legend>
```

```
    <input type="color" v-model="mainColor" @change="updateColors" />
```

```
  </fieldset>
```

```
  <div class="controls__buttons">
```

```
    <fieldset>
```

```
      <legend>Mode:</legend>
```

```
      <label for="dark">
```

```
        <input v-model="mode" type="radio" name="mode" id="dark" value="dark" />
```

```
        dark
```

```
      </label>
```

```
      <label for="light">
```

```
        <input v-model="mode" type="radio" name="mode" id="light" value="light" />
```

```
        light
```

```
      </label>
```

```
    </fieldset>
```

```
    <fieldset>
```

```
      <legend>Color scheme:</legend>
```

```
      <label :for="scheme.name" v-for="scheme in colorSchemes" :key="scheme.name">
```

```
        <input
```

```
          @click="selectColorScheme(scheme)"
```

```
          type="radio"
```

```
          :id="scheme.name"
```

```
          :value="scheme"
```

```
          v-model="selectedColorScheme"
```

```
        />
```

```
        {{ scheme.name }}
```

```
      </label>
```

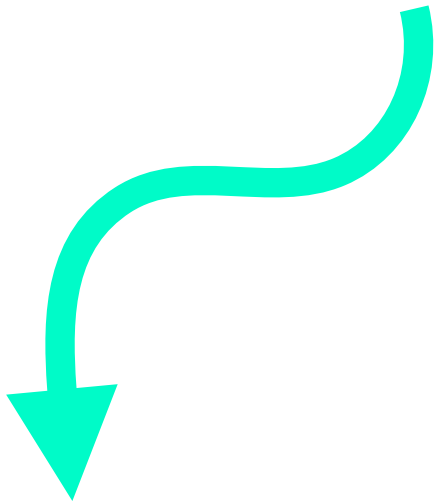
```
    </fieldset>
```

```
  </div>
```

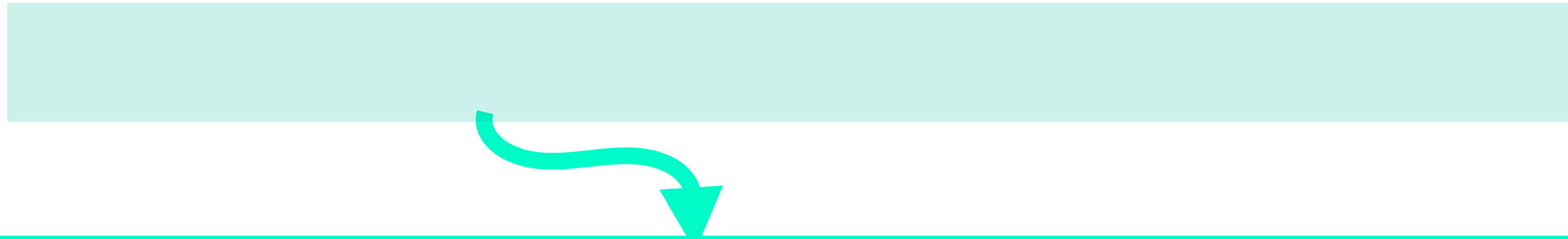
```
  <fieldset class="color-scheme color-scheme--complementary">...
```

```
  </fieldset>
```

```
</form>
```



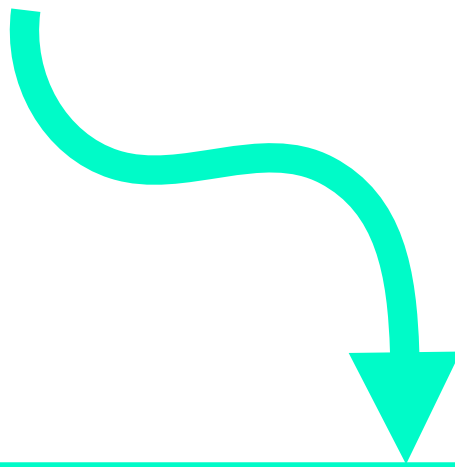
```
updateColors() {  
    this.primary = this.generateTextAndBg(this.mainColor);  
  
    this.updateColorVariable("--primary-text-color", this.primary.text);  
    this.updateColorVariable("--primary-bg-color", this.primary.bg);  
  
    // ...  
}
```

```
generateTextAndBg(color) {  
  let bg = Color(color);  
  const text = bg.isLight() ? Color("#000") : Color("#fff");  
  let contrast = text.contrast(bg);  
  
  while (contrast < MIN_CONTRAST) {  
    bg = text.isLight() ? bg.darken(0.5) : bg.lighten(0.5);  
    contrast = text.contrast(bg);  
  }  
  return { text: text.string(), bg: bg.string() };  
}
```



```
updateColors() {  
    this.primary = this.generateTextAndBg(this.mainColor);  
  
    this.updateColorVariable("--primary-text-color", this.primary.text);  
    this.updateColorVariable("--primary-bg-color", this.primary.bg);  
  
    // ...  
}
```



```
updateColorVariable(colorName, newValue) {  
  document.documentElement.style.setProperty(colorName, newValue);  
},
```