

Angular-Material-Theme-Color-Token &gt; Project\_Code &gt; src &gt; app &gt; styles &gt; themes &gt; # bluetHEME.css &gt; html

```
1  /* Note: Color palettes are generated from primary: #3b82f6, tertiary: #a855f7 */  
2  html {  
3      /* COLOR SYSTEM VARIABLES */  
4      /* color-scheme: light; */  
5  
6      /* Primary palette variables */  
7      --mat-sys-primary: light-dark(□#005ac2, □#adc6ff);  
8      --mat-sys-on-primary: light-dark(■#ffffff, □#002e6a);  
9      --mat-sys-primary-container: light-dark(■#d8e2ff, □#004395);  
10     --mat-sys-on-primary-container: light-dark(□#001a42, ■#d8e2ff);  
11     --mat-sys-inverse-primary: light-dark(■#adc6ff, □#005ac2);  
12     --mat-sys-primary-fixed: light-dark(■#d8e2ff, □#d8e2ff);  
13     --mat-sys-primary-fixed-dim: light-dark(■#adc6ff, ■#adc6ff);  
14     --mat-sys-on-primary-fixed: light-dark(□#001a42, □#001a42);  
15     --mat-sys-on-primary-fixed-variant: light-dark(□#004395, □#004395);  
16  
17     /* Secondary palette variables */  
18     --mat-sys-secondary: light-dark(□#495e8a, □#b1c6f9);  
19     --mat-sys-on-secondary: light-dark(■#ffffff, □#182f59);  
20     --mat-sys-secondary-container: light-dark(■#d8e2ff, □#304671);  
21     --mat-sys-on-secondary-container: light-dark(□#001a42, ■#d8e2ff);  
22     --mat-sys-secondary-fixed: light-dark(■#d8e2ff, ■#d8e2ff);  
23     --mat-sys-secondary-fixed-dim: light-dark(■#b1c6f9, ■#b1c6f9);  
24     --mat-sys-on-secondary-fixed: light-dark(□#001a42, □#001a42);  
25     --mat-sys-on-secondary-fixed-variant: light-dark(□#304671, □#304671);  
26  
27     /* Tertiary palette variables */  
28     --mat-sys-tertiary: light-dark(■#842bd2, ■#ddb7ff);  
29     --mat-sys-on-tertiary: light-dark(■#ffffff, ■#490080);  
30     --mat-sys-tertiary-container: light-dark(■#f0dbff, ■#6900b3);  
31     --mat-sys-on-tertiary-container: light-dark(□#2c0051, ■#f0dbff);  
32     --mat-sys-tertiary-fixed: light-dark(■#f0dbff, ■#f0dbff);  
33     --mat-sys-tertiary-fixed-dim: light-dark(■#ddb7ff, ■#ddb7ff);  
34     --mat-sys-on-tertiary-fixed: light-dark(□#2c0051, □#2c0051);  
35     --mat-sys-on-tertiary-fixed-variant: light-dark(■#6900b3, ■#6900b3);  
36  
37     /* Neutral palette variables */  
38     --mat-sys-background: light-dark(■#f9f9ff, □#10131a);  
39     --mat-sys-on-background: light-dark(□#191b23, ■#e1e2ec);  
40     --mat-sys-surface: light-dark(■#f9f9ff, □#10131a);  
41     --mat-sys-surface-dim: light-dark(■#d8d9e3, □#10131a);  
42     --mat-sys-surface-bright: light-dark(■#f9f9ff, □#363941);
```

## custom-material.scss X

Angular-Material-Theme-Color-Token > Project\_Code > src > app > styles > themes > custom-material.scss

```
1  @use '@angular/material' as mat;
2
3  @use "./bluetHEME.css";
4
5  .primary-filled-btn {
6      @include mat.button-overrides((
7          filled-container-color : var(--mat-sys-primary),
8          filled-label-text-color : var(--mat-sys-on-primary),
9      ));
10 }
11
12 .secondary-filled-btn {
13     @include mat.button-overrides((
14         filled-container-color : var(--mat-sys-surface-dim),
15         filled-label-text-color : var(--mat-sys-on-surface),
16     ));
17 }
18
19 .accent-filled-btn {
20     @include mat.button-overrides((
21         filled-container-color : var(--mat-sys-tertiary),
22         filled-label-text-color : var(--mat-sys-on-tertiary),
23     ));
24 }
25
26 .error-filled-btn {
27     @include mat.button-overrides((
28         filled-container-color : var(--mat-sys-error),
29         filled-label-text-color : var(--mat-sys-on-error),
30     ));
31 }
32
33 .primary-protected-btn {
34     @include mat.button-overrides((
35         protected-container-color: var(--mat-sys-primary),
36         protected-label-text-color : var(--mat-sys-on-primary),
37     ));
38 }
39
40 .secondary-protected-btn {
41     @include mat.button-overrides((
42         protected-container-color : var(--mat-sys-surface-dim),
```

# bluetHEME.css

♀ styles.scss X

Angular-Material-Theme-Color-Token &gt; Project\_Code &gt; src &gt; ♀ styles.scss &gt; ⚙ html

```

1  @use "./app/styles/themes/custom-material.scss";
2
3  *,
4  *::before,
5  *::after {
6    margin: 0;
7    padding: 0;
8    box-sizing: border-box;
9  }
10

```

Screenshot of a browser developer tools interface showing the AngularMaterialTheme application.

The browser address bar shows "localhost:4200/button".

The main content area displays a UI component for "Mini FAB" and "Extended FAB" buttons, with tabs for "Basic", "Disabled", and "Link". Below these are four rows of colored buttons labeled "Primary", "Secondary", "Accent", and "Error".

The bottom of the browser window shows the developer tools' Elements tab and the Styles panel on the right, which lists numerous CSS rules for the "bluetHEME.css" file.

```

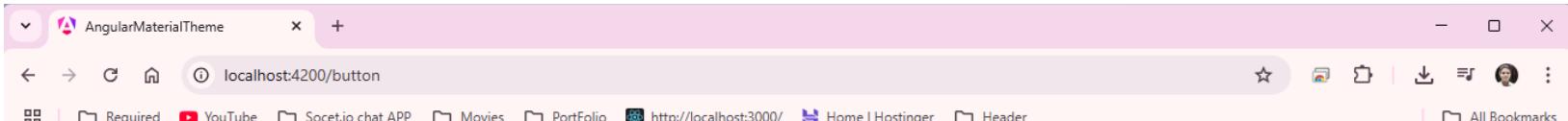
<!DOCTYPE html>
<html lang="en"> <!--nghm-->
  <script type="text/javascript" id="ng-event-dispatch-contract">...</script>
  <script>...</script>
<app-root ng-version="19.2.14" ng-server-context="ssg">
  <div class="browser-main"> <flex>
    <div class="left-sidebar-menu"> ... </div>
    <div class="content">
      <router-outlet></router-outlet>
      <app-button _nghost-ng-c184195251 ng-version="19.2.14">
        <section _ngcontent-ng-c184195251> ... </section> <flex>
          <mat-divider _ngcontent-ng-c184195251 role="separator" class="mat-divider mat-divider-horizontal" aria-orientation="horizontal">
            </mat-divider>
          <section _ngcontent-ng-c184195251> ... </section> <flex>
            <mat-divider _ngcontent-ng-c184195251 role="separator" class="mat-divider mat-divider-horizontal" aria-orientation="horizontal">
              </mat-divider>
          <section _ngcontent-ng-c184195251> ... </section> <flex>
            <mat-divider _ngcontent-ng-c184195251 role="separator" class="mat-divider mat-divider-horizontal" aria-orientation="horizontal">
              </mat-divider>
        <section _ngcontent-ng-c184195251> ... </section> <flex>
      </section>
    </div>
  </div>
</app-root>

```

```

html {
  --mat-sys-primary: #light-dark( #005ac2, #adc6ff );
  --mat-sys-on-primary: #light-dark( #fffffe, #002e6a );
  --mat-sys-primary-container: #light-dark( #d8e2ff, #004395 );
  --mat-sys-inverse-primary: #light-dark( #adc6ff, #005ac2 );
  --mat-sys-primary-fixed: #light-dark( #d8e2ff, #08e2ff );
  --mat-sys-primary-fixed-dim: #light-dark( #adc6ff, #d8e2ff );
  --mat-sys-on-primary-fixed: #light-dark( #001a42, #001a42 );
  --mat-sys-on-primary-fixed-variant: #light-dark( #004395, #004395 );
  --mat-sys-secondary: #light-dark( #495e8a, #b1c6ff );
  --mat-sys-on-secondary: #light-dark( #fffffe, #182f59 );
  --mat-sys-secondary-container: #light-dark( #d8e2ff, #304671 );
  --mat-sys-on-secondary-container: #light-dark( #001a42, #d8e2ff );
  --mat-sys-secondary-fixed: #light-dark( #d8e2ff, #d8e2ff );
  --mat-sys-secondary-fixed-dim: #light-dark( #b1c6ff, #b1c6ff );
  --mat-sys-on-secondary-fixed: #light-dark( #001a42, #001a42 );
  --mat-sys-on-secondary-fixed-variant: #light-dark( #304671, #304671 );
  --mat-sys-tertiary: #light-dark( #842bd2, #dbdbff );
  --mat-sys-on-tertiary: #light-dark( #fffffe, #490080 );
  --mat-sys-tertiary-container: #light-dark( #f0dbff, #6900b3 );
  --mat-sys-on-tertiary-container: #light-dark( #2c0051, #f0dbff );
  --mat-sys-tertiary-fixed: #light-dark( #f0dbff, #f0dbff );
  --mat-sys-tertiary-fixed-dim: #light-dark( #db7fff, #db7fff );
}

```



The screenshot shows the AngularMaterialTheme application running at [localhost:4200/button](http://localhost:4200/button). The interface includes a toolbar with icons like star, heart, share, trash, and info. Below the toolbar are two rows of buttons: Primary, Secondary, Accent, and Error. The Accent button in the top row is highlighted with a red border. A tooltip for the Accent button is displayed, showing its class as `button.accent-filled-btn.mdc-button.mdc-button--unelevated.mat-mdc-unelevated-button`. The bottom row also contains Primary, Secondary, Accent, and Error buttons.

In the developer tools (Elements tab), the selected element is the Accent button from the top row. The DOM structure shows the button's internal components: `<span><span><span>`, followed by the `mat-mdc-button-touch-target`, `mat-ripple mat-mdc-button-ripple`, and finally the `mat-mdc-button-ripple` itself. The developer tools also highlight the `background-color: #842bd2;` style rule in the Styles panel, which is part of the `element.style` block. The main CSS file referenced is `button.component.scss:17`.

```
<span class="mat-focus-indicator"></span>
<span class="mat-mdc-button-touch-target"></span>
<span class="mat-ripple mat-mdc-button-ripple"></span>
</button>
<button _ngcontent-ng-c184195251 mat-flat-button class="secondary-filled-btn mdc-button mdc-button--unelevated mat-mdc-unelevated-button mat-unthemed mat-mdc-button-base" mat-ripple-loader-class-name="mat-mdc-button-ripple"></button> ...
<button _ngcontent-ng-c184195251 mat-flat-button class="accent-filled-btn mdc-button mdc-button--unelevated mat-mdc-unelevated-button mat-unthemed mat-mdc-button-base" mat-ripple-loader-class-name="mat-mdc-button-ripple" style="/* background-color: #842bd2; */"><span class="mat-mdc-button-persistent-ripple mdc-button_ripple">...</span>
<span class="mdc-button_label">Accent</span>
<span class="mat-focus-indicator"></span>
<span class="mat-mdc-button-touch-target"></span>
<span class="mat-ripple mat-mdc-button-ripple"></span>
</button>
<button _ngcontent-ng-c184195251 mat-flat-button class="error-filled-btn mdc-button mdc-button--unelevated mat-mdc-unelevated-button mat-unthemed mat-mdc-button-base" mat-ripple-loader-class-name="mat-mdc-button-ripple"><span class="mat-mdc-button-persistent-ripple mdc-button_ripple">...</span>
<span class="mdc-button_label">Error</span>
<span class="mat-focus-indicator"></span>
<span class="mat-mdc-button-touch-target"></span>
<span class="mat-ripple mat-mdc-button-ripple"></span>
</button>
```

Styles panel:

```
element.style {
  background-color: #842bd2;
}

.example-button-row[_ngcontent-ng-c184195251] .mat-mdc-button-base[_ngcontent-ng-c184195251] {
  margin: 8px 8px 8px 0;
}

.mat-mdc-unelevated-button:not(:disabled) {
  color: var(--mdc-filled-button-label-text-color, var(--mat-sys-on-primary));
  background-color: var(--mdc-filled-button-container-color, var(--mat-sys-primary));
}

.mat-mdc-button, .mat-mdc-unelevated-button, .mat-mdc-raised-button,
.mat-mdc-outlined-button {
  -webkit-tap-highlight-color: rgba(0, 0, 0, 0);
}

.mat-mdc-unelevated-button, .mat-mdc-unelevated-button .mdc-button_ripple {
  border-radius: var(--mdc-filled-button-container-shape, var(--mat-sys-corner-full));
}

.mat-mdc-unelevated-button {
```

Components CDK

- Autocomplete
- Badges
- Bottom Sheet
- Button**
- Button-Toggles
- Card
- Checkbox
- Chips
- Datepicker
- Dialog
- Expansion Panel
- Form Field
- Grid List
- Icon
- Input
- List
- Menu
- Paginator
- Progress Bar
- Progress Spinner
- Radio Button
- Select
- Slide Toggle
- SnackBar

Text Basic Disabled Link

Elevated Basic Disabled Link

Outlined Basic Disabled Link

Filled Basic Disabled Link

Tonal Basic Disabled Link

Icon : Ellipsis : Copy

Floating Action Button (FAB)  

Mini FAB  

Extended FAB  Basic  Disabled  Link

Primary Secondary Accent Error

Primary Secondary Accent Error

★ ♥ ↪ 🔍 ⓘ