

# Theming



Open Web Learning Toolkit

## The Developer Experience



The ***Developer Experience*** prioritises the specification and implementation of **robust, well documented, loosely coupled components & services**, integrated into a **coherent toolkit** open to contributions from **diverse skill sets**.

The screenshot shows a web browser window titled "Reference Course" at the URL "reader.tutors.dev/course/reference-course". The main content area displays a grid of cards illustrating various learning object configurations. A sidebar on the right, titled "Toggles", contains options for "Dark Mode" (selected), "Compact" view, and a "Themes" section with "Tutors", "Dyslexia", and "Theme Builder" buttons. A large blue arrow points from the text "Theme Builder to explore theme system" towards the "Theme Builder" button in the sidebar.

**Reference Course**  
A reference course containing all supported learning objects

**Simple**  
Simple Topic with lectures + a lab

**Varied**  
Variety of learning objects

**Media**  
Videos presented in various contexts

**Units**  
Units which contain variety of learning objects

**Side Units**  
An example of a side unit

**Cards with SVG**  
Learning objects with SVG images

**Panel Talk**  
Panel talk promotes a presentation to topic page

**Panel Note**  
Panel note promotes a note to Topic level

Powered by Tutors Course Reader 8.4.0  
Last commit 06820ea

Search Layout ⚙️

Dark Mode Compact

Tutors Dyslexia Theme Builder

SE TU

netlify

Theme Builder to  
explore theme  
system

Reference Course

reader.tutors.dev/course/reference-course

## Enable Preview

Randomize Colors

Primary: #0FBA81 Text & Fill Color: Black

Secondary: #4F46E5 Text & Fill Color: White

Tertiary: #0EA5E9 Text & Fill Color: Black

Success: #84cc16 Text & Fill Color: Black

Warning: #EAB308 Text & Fill Color: Black

Error: #D41976 Text & Fill Color: White

Surface: #495a8f Text & Fill Color: White

### Fonts

Base: system Headings: system

### Text Color

Light Mode: Black Dark Mode: White

### Border Radius

Base: Container

### Preview

primary secondary tertiary  
success warning error

The screenshot shows the Theme Builder interface for a course. It includes a sidebar with course navigation and a main panel for theme customization. The main panel features a 'Color' section with a 'Randomize Colors' button and a list of primary colors (Primary, Secondary, Tertiary, Success, Warning, Error, Surface) each with a color swatch, hex code, and a 'Text & Fill Color' dropdown set to either Black or White. Below this is a 'Font' section with dropdowns for 'Base' and 'Headings' set to 'system', and a 'Text Color' section with 'Light Mode' set to 'Black' and 'Dark Mode' set to 'White'. A 'Border Radius' section at the bottom has 'Base' and 'Container' dropdowns. To the right is a 'Preview' section showing colored buttons and bars corresponding to the selected themes.

Theme Builder to explore theme system

Reference Course

reader.tutors.dev/course/reference-course

Reference Course  
A reference course conta...

Simple Topic with lectur...

Simple

Side Units

An example of a side u...

Powered by Tutors Course R...

Last commit 06820ea

## Enable Preview

**Randomize Colors**

	50	100	200	300	400	500	600	700	800	900	
Primary	#0FBA81	50	100	200	300	400	500	600	700	800	900
Secondary	#4F46E5	50	100	200	300	400	500	600	700	800	900
Tertiary	#0EA5E9	50	100	200	300	400	500	600	700	800	900
Success	#84cc16	50	100	200	300	400	500	600	700	800	900
Warning	#EAB308	50	100	200	300	400	500	600	700	800	900
Error	#D41976	50	100	200	300	400	500	600	700	800	900
Surface	#495a8f	50	100	200	300	400	500	600	700	800	900

**Text & Fill Color**

Black

**Fonts**

Base: system

Headings: system

**Text Color**

Light Mode: Black

Dark Mode: White

**Border Radius**

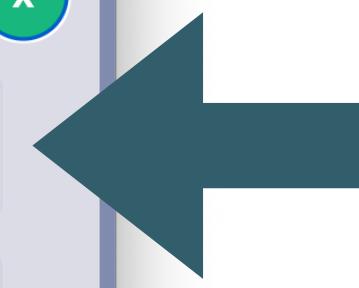
Base: Container

**Preview**

primary secondary tertiary

success warning error

Enable Preview



Reference Course

reader.tutors.dev/course/reference-course

Secondary #4F46E5 Text & Fill Color White

Tertiary #0EA5E9 Text & Fill Color Black

Success #84cc16 Text & Fill Color Black

Warning #EAB308 Text & Fill Color Black

Error #D41976 Text & Fill Color White

Surface #495a8f Text & Fill Color White

**Fonts**

Base system Headings system

**Text Color**

Light Mode Black Dark Mode White

**Border Radius**

Base 9999px Container 8px

**Border Size**

Base 1px

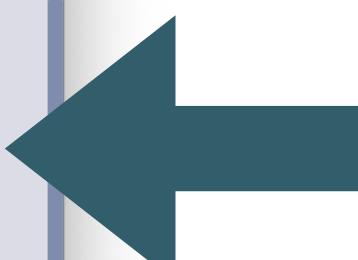
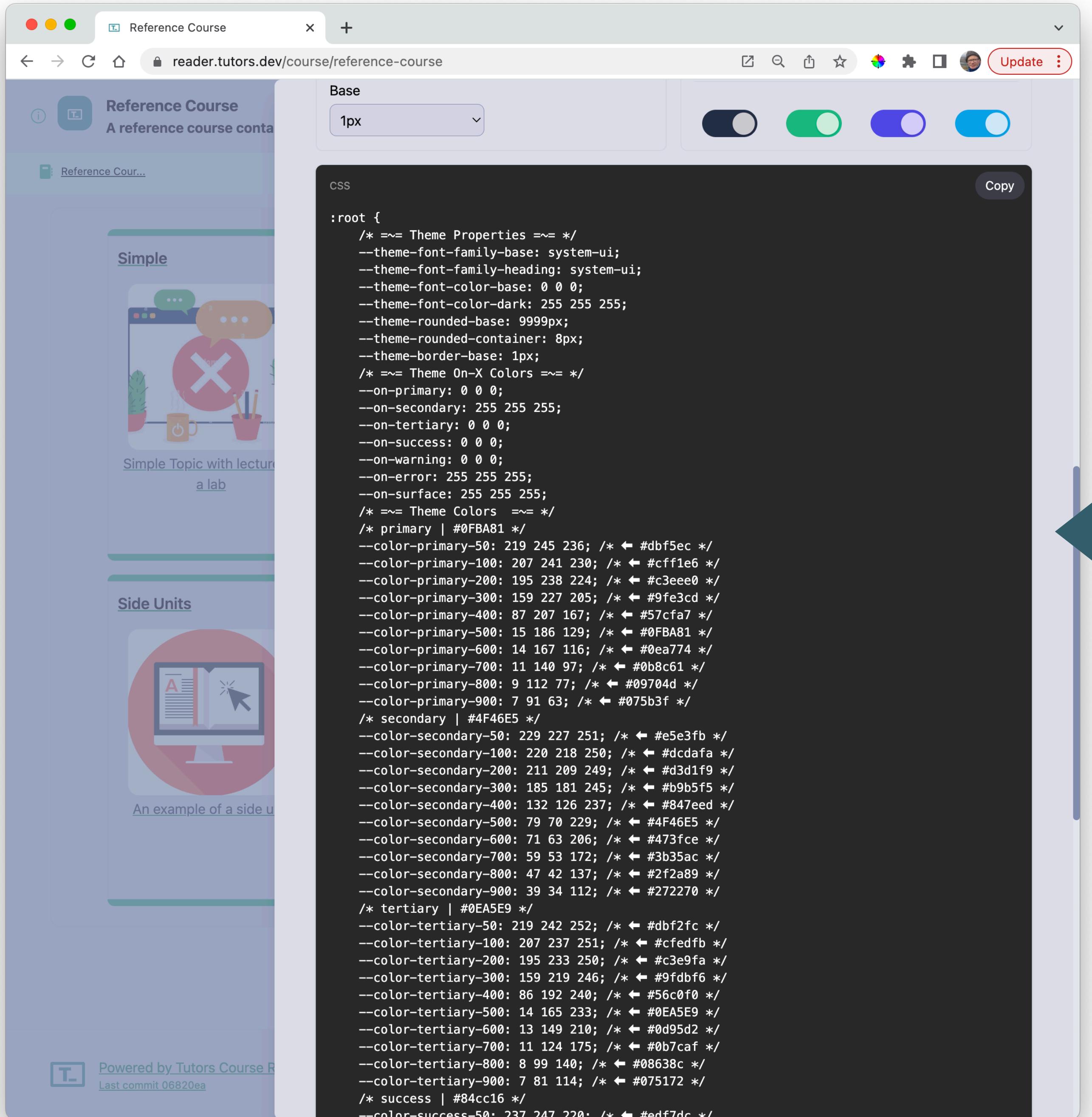
Simple Topic with lecture lab

Side Units An example of a side u

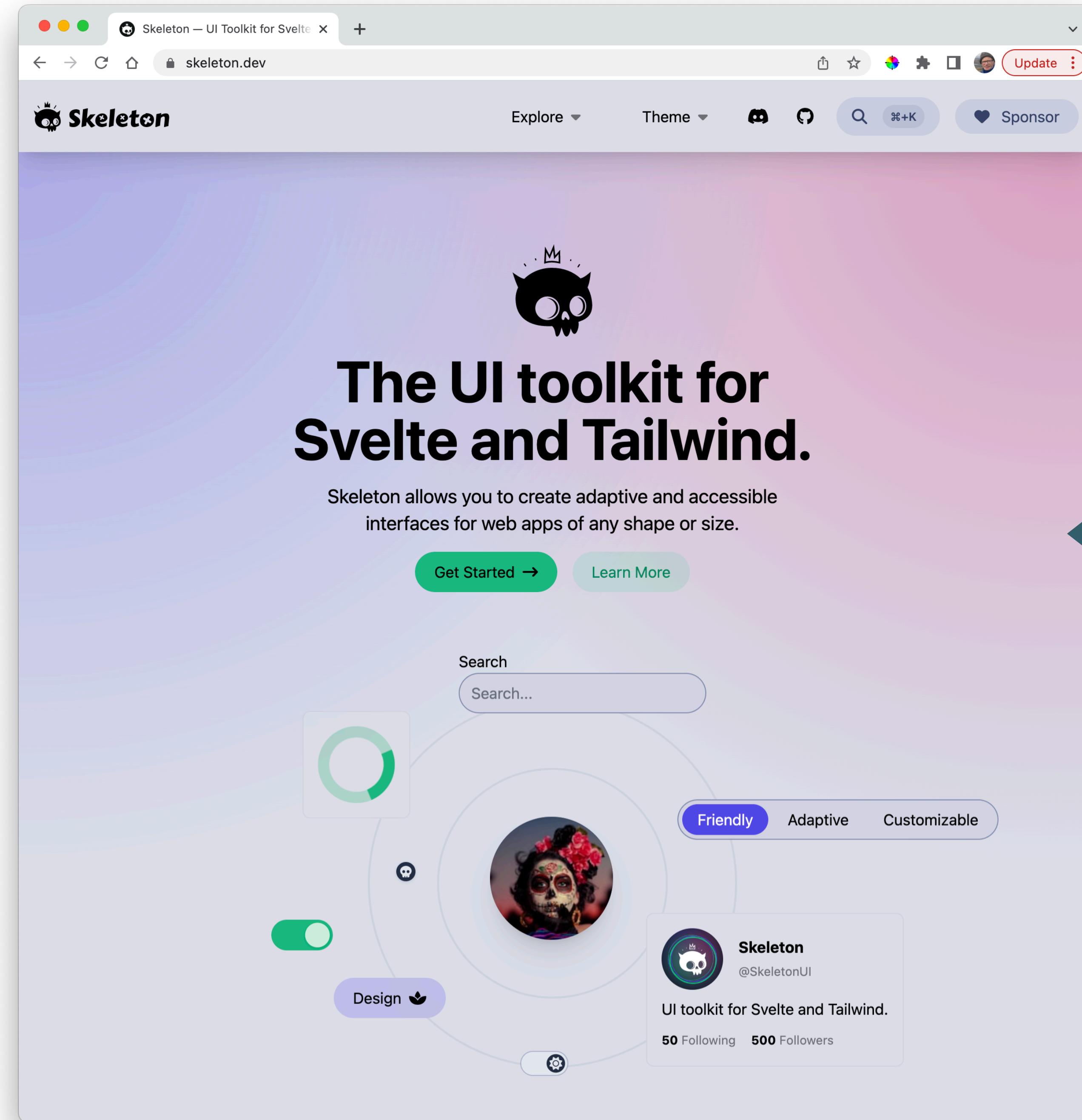
Powered by Tutors Course R Last commit 06820ea

Show Theme CSS

Inspect CSS



# Inspect CSS



Based on  
Skeleton.dev  
Open Source  
Project

# Skeleton Documentation

The screenshot shows the "Theme Generator" page of the Skeleton documentation. On the left, a sidebar lists "Docs", "Tailwind", "Svelte", and "Utilities". Under "RESOURCES", "Theme Generator" is highlighted. The main content area features a large heading "Theme Generator" and a section titled "Enable Preview" with a toggle switch. Below this are color swatches for "Primary", "Secondary", "Tertiary", "Success", "Warning", "Error", "Surface", and "Text & Fill Color". Each swatch includes a hex code (e.g., #0FBA81 for Primary) and a "Randomize Colors" button.

## Importing Your Theme

Copy and paste your theme CSS into `/src/theme.postcss`, then import the theme into your root layout in `/src/routes/+layout.svelte` instead of a premade Skeleton theme. Keep the order as shown.

### TYPESCRIPT

```
// Your custom Skeleton theme:  
import './theme.postcss';  
  
// This contains the bulk of Skeleton's required styles:  
import '@skeletonlabs/skeleton/styles/skeleton.css';  
  
// Finally, your application's global stylesheet (sometimes labeled 'app.css')  
import './app.postcss';
```

## Advanced Color Curation

Looking for deeper customization? We recommend using [Palette Generator](#). This includes support for hue, saturation, and lightness adjustments. Pair this with the [Hex-To-RGB extension](#) to convert each Hex color value to RGB in bulk with VS Code.

**tutors-sdk/tutors** (Public)

- Code
- Issues 12
- Pull requests 8
- Discussions
- Actions
- Projects 2

development ▾ 27 branches 0 tags Go to file Add file ▾ Code ▾

	edeleastar	Renable heanet support
		✓ 06820ea 3 days ago 980 commits
📁 .github	Update holopin.yml	2 months ago
📁 .husky	New Monorepo (#1)	9 months ago
📁 .vscode	feature: tutors time utilities to manually clean tutors s...	3 months ago
📁 apps	fix: set course and talk to be ssr false by default (due...	last month
📁 assets	feat: add holopin	2 months ago
📁 cli	fix: correct earlier phantom los implementation + sup...	2 months ago
📁 packages	Renable heanet support	3 days ago
📁 test/reference-course	rename labs in test	last month
📄 .achecker.yaml	Adding Accessibility Capability	7 months ago
📄 .commitlintrc.json	New Monorepo (#1)	9 months ago
📄 .eslintrc.js	feat(BREAKING): SvelteKit Release (#193)	4 months ago
📄 .gitignore	feature: tutors time utilities to manually clean tutors s...	3 months ago
📄 .prettierignore	feat(BREAKING): SvelteKit Release (#193)	4 months ago
📄 .prettierrc	fix: prettier	3 months ago
📄 CODE_OF_CONDUCT.md	feat(BREAKING): SvelteKit Release (#193)	4 months ago
📄 LICENSE	Create LICENSE	9 months ago
📄 README.md	Update README.md	2 months ago
📄 package-lock.json	fix: moment import	2 months ago
📄 package.json	chore: bump prettier from 2.7.1 to 2.8.4	3 months ago
📄 pull_request_template.md	feat: update PR template	3 months ago
📄 turbo.json	feat(BREAKING): SvelteKit Release (#193)	4 months ago

EXPLORER

- TUTORS
  - .husky
  - .vscode
  - apps
  - assets
  - cli
  - packages
    - eslint-config-custom
    - tutors-lib
    - tutors-reader-lib
    - tutors-ui
      - .storybook
      - lib
        - Atoms
        - Molecules
        - Organisms
        - themes
          - bremen-one.css
          - dyslexia.css
          - haloween.css
          - tutors.css
          - valentines.css
- ts animations.ts
- PROBLEMS 1 OUTPUT DEBUG CONSOLE TERMINAL AZURE
- bash
- tsc: watch - cli/tutors-g... ✓
- tsc: watch - packages/t... ✓
- tsc: watch - cli/tutors-js... ✓
- tsc: watch - cli/tutors-h... ✓
- tsc: watch - cli/tutors-ti... ✓

bremen-one.css — tutors

```

1 :root {
  /* == Theme Properties == */
  --theme-font-family-base: ui-monospace, SFMono-Regular, Menlo, Monaco, Consolas, "Liberation Mono", "Courier New", monospace;
  --theme-font-family-heading: system-ui;
  --theme-font-color-base: var(--color-primary-700);
  --theme-font-color-dark: var(--color-primary-200);
  --theme-rounded-base: 24px;
  --theme-rounded-container: 8px;
  --theme-border-base: 2px;
  /* == Theme On-X Colors == */
  --on-primary: var(--color-primary-200);
  --on-secondary: var(--color-primary-500);
  --on-tertiary: 0 0 0;
  --on-success: 0 0 0;
  --on-warning: 0 0 0;
  --on-error: 255 255 255;
  --on-surface: 255 255 255;
  /* == Theme Colors == */
  /* primary | #583400 */
  --color-primary-50: 230 225 217; /* ↳ #e6e1d9 */
  --color-primary-100: 222 214 204; /* ↳ #ded6cc */
  --color-primary-200: 213 204 191; /* ↳ #d5ccb6 */
  --color-primary-300: 188 174 153; /* ↳ #bcae99 */
  --color-primary-400: 138 113 77; /* ↳ #8a714d */
  --color-primary-500: 88 52 0; /* ↳ #583400 */
  --color-primary-600: 79 47 0; /* ↳ #4f2f00 */
  --color-primary-700: 66 39 0; /* ↳ #422700 */
  --color-primary-800: 53 31 0; /* ↳ #351f00 */
  --color-primary-900: 43 25 0; /* ↳ #2b1900 */
  /* secondary | #b51a00 */
  --color-secondary-50: 244 221 217; /* ↳ #f4ddd9 */
  --color-secondary-100: 240 209 204; /* ↳ #f0d1cc */
  --color-secondary-200: 237 198 191; /* ↳ #edc6bf */
  --color-secondary-300: 225 163 153; /* ↳ #e1a399 */
  --color-secondary-400: 203 95 77; /* ↳ #cb5f4d */
  --color-secondary-500: 181 26 0; /* ↳ #b51a00 */
  --color-secondary-600: 163 23 0; /* ↳ #a31700 */
  --color-secondary-700: 136 20 0; /* ↳ #881400 */
}

.ts index.ts
.ts package.json
.ts postcss.config.cjs
.ts svelte.config.js
.ts tailwind.config.cjs
.ts tsconfig.json

```

PROBLEMS 1 OUTPUT DEBUG CONSOLE TERMINAL AZURE

[8:24:28 AM] Starting compilation in watch mode...

[8:24:28 AM] Found 0 errors. Watching for file changes.

LN 97, COL 1 SPACES: 2 UTF-8 LF CSS ✓ Prettier

**Lab-04-Create a Theme**



[Generate a new theme](#)

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**Lab-05-Deploy Tutors Reader**



[Publish a new Tutors Reader to the Netlify](#)

**Lab-04-Create a Theme**  
workshop-2023

Search Layout

workshop-2023 > Tutors Dev > Tutors Labs > Lab-04-Create a...

**Objectives**

- [Explore the Theme Builder](#)
- [Generating Theme CSS](#)
- [Inspect Theme CSS](#)
- [Import Theme CSS](#)
- [Enable the Theme](#)
- [Changing IconSet](#)

**Objectives**

Generate a new theme

**Lab-05-Deploy Tutors Reader**  
workshop-2023

Search Layout

workshop-2023 > Tutors Dev > Tutors Labs > Lab-05-Deploy T...

**Objectives**

- [Netlify](#)
- [Netlify Build](#)
- [Launch](#)
- [Open a Course](#)
- [Environment Variables \(Optional\)](#)

**Objectives**

Publish a new Tutors Reader to the Netlify

# Theming



Open Web Learning Toolkit

## The Developer Experience



The ***Developer Experience*** prioritises the specification and implementation of **robust, well documented, loosely coupled components & services**, integrated into a **coherent toolkit** open to contributions from **diverse skill sets**.