


Accessible Theming with Granite



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What is Granite?



libgranite.com



Granite is a framework
focused on branding and
consistency.

Goal of providing standard designs the don't
require utility classes.

The Granite Framework

Accessibility Focused

- Color Contrast
- Aria attributes and labels
- Semantic HTML tags

Built Around HTML5

Generalized Aesthetic Styles

Layout and Theme Templates

Default Styles to reduce development load

Standard accessible components

Tools and libraries to assist with development

Color Palette with Contrast colors

The Granite Libraries

Update Normalize CSS package

Color Contrast library for JS and CSS

Color Palette generation

Element variations for breakpoints

Default Styles to reduce development load

Standard accessible components

Tools and libraries to assist with development

Color Palette with Contrast colors

Why not just use Bootstrap or Tailwind?

Other frameworks depend on utility classes for formatting, position, and other mechanics. Granite attempts to simplify this for content authors.

Granite vs Bootstrap

- Bootstrap is focused on default styles
- Utility classes
- Components aren't based on HTML5

Granite vs Tailwind

- Tailwind focused on utility classes
- Verbose styling increase work for authors



Granite and Drupal



Using Granite with Other Projects?

Currently a work in progress

Planned implementation of

- Generalized Twig Templates
- Web Components
- React Components
- Other frameworks?

You can implement your own templates now!

Granite Module and Themes

Granite Library Drupal Module

- Provides libraries api for Granite Component and packages
- Provides Submodules for
 - Single Directory Components
 - Paragraph Template
 - Layout Builder Sections

Granite Themes

- Basic theme starter kit
- Base theme with basic templates
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Demo!

Roadmap

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1. Develop Components

- a. Carousel
- b. Accordion
- c. Extended Details

2. Aesthetic layers

- a. Google Material Design
- b. Apple Human Interface Design
- c. IBM Carbon
- d. Microsoft Fluent

3. Theme Template/Layouts

- a. Default designs for Blogs, Corporate, Commerce, and other websites

4. ???

Questions?

