

Tailwind CSS in Drupal

Our Framework of Choice



FLORIDA
DRUPAL CAMP



Conference
Catalysts

CONFLUX
PLATFORM

Who Are We

Provider of Event & Organizational Management Solutions For Professional Associations

Conference Catalysts provides flexible solutions for professional associations to improve communication, organize efficiently, and run world-class events.

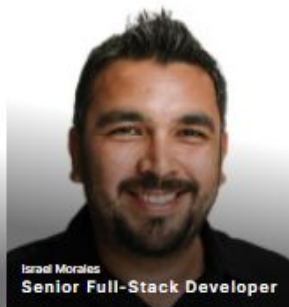


Meet our Team

Digital Solutions Team


A tight-knit team of developers, designers, and technologists, the Digital Solutions Unit provides some of the most flexible, best-in-class digital experiences for associations and conferences.

**Developers, Graphic Artists,
and Content Specialists**



What is TailwindCSS?

Rapidly build modern websites
without ever leaving your HTML.



A highly customizable utility-first CSS framework packed with classes like `flex`, `pt-4`, `text-center` and `rotate-90` that can, be composed to build any design, directly in your markup.

TailwindCSS

What's new in TailwindCSS v3

- Brand new internal Just-in-Time engine to generate styles on-demand
- Cleaner tailwind.config.js
 - Every variant is automatically available for every utility by default

- Just-in-Time engine — to generate styles on-demand
- Every color out of the box
- Colored box shadows
- Scroll snap API
- Multi-column layouts
- Native form control styling
- Print modifiers
- Modern aspect ratio API — no more padding hacks! Fancy underline styles
- RTL and LTR modifiers
- Portrait and landscape modifiers
- Arbitrary properties — for your made up properties.
- Tons of other utilities — including support for touch-action, will-change, flex-basis, text-indent, scroll-behavior, and more.

Setup

Starting a new TailwindCSS Theme

- <https://www.drupal.org/project/tailwindcss>
- TailwindCSS 3.x is here
- <https://gitlab.com/confcats/drupal/tailwindcss-starter-project>
- <https://gitlab.com/confcats/drupal/drupal-tailwindcss-starter>

Drupal Starter w/ TW Base theme





Configuring TailwindCSS

Build process

Reduce Your CSS Footprint – PURGE

- Add content directories to parse through Drupal config for Views and Field added CSS classes
- Safelisting classes and core plugins
- Disabling specific core plugins
- Disabling purge in Development environment

```
module.exports = {
  // Drupal views will parse out the default tailwindcss colon (:) so we use a double underscore instead (__)
  separator: '__',
  // Files to scan for classes
  content: [
    './templates/**/*.twig',
    './components/**/*.html',
    './drupal_tailwindcss_starter.theme',
    '../../../../config/**/*.yaml'
  ],
  // Turn off purging in development environment
  safelist: process.env.NODE_ENV === "development" ? [{ pattern: /*/* } ] : [],
  // Safelist specific TailwindCSS core plugins in corePlugins array
  corePlugins: [
    'margin',
    'padding',
    'backgroundColor',
  ],
  // Disable specific TailwindCSS core plugins in corePlugins object
  corePlugins: {
    float: false,
    objectFit: false,
    objectPosition: false,
  },
};
```


Drupal

Drupal Theming

- Drupal views will parse out the tailwind default separator
 - Double underscores work well

```
module.exports = {  
  separator: '__',  
};
```

Drupal

Configurable Classes

- Block Class
- Menu Attributes
- Layout Builder Styles
- Bootstrap Layout Builder + Styles
 - [tailwind-bootstrap-grid](#)

Customizations

Using Packages & Tailwind Plugins

- SASS vs POSTCSS
 - Variables
 - Nesting
- JIT (Just in Time Compiler)
 - Baked into 3.x

TW Plugins are opinionated and uses are subjective



Plugins

More Tailwind Plugins

- TW Sudo Elements
- Typography (Prose Classes)

Extend the Power of Tailwind

Next.js Starter Blog



Long Post

July 28, 2020

Far far away, behind the word mountains, far from the countries Vokalia and Consonantia, there live the blind texts. Separated they live in Bookmarksgrove right at the coast of the Semantics, a large language ocean. A small river named Duden flows by their place and supplies it with the necessary regelialia.

On deer horse aboard tritely yikes and much

The Big Oxmox advised her not to do so, because there were thousands of bad Commas, wild Question Marks and devious Semikoli, but the Little Blind Text didn't listen. She packed her seven versalia, put her initial into the belt and made herself on the way.

Plugins

Tailwind Forms

[Tailwind Forms](#) is a plugin developed by the official team of Tailwind CSS. It provides a styles reset for form elements, making it easier to override its styles. This one is a must if one is creating custom forms.

Drupal Forms are not normal

Simple

Full name

Email address

john@example.com

When is your event?

mm/dd/yyyy



What type of event is it?

Corporate event



Additional details

Email me news and special offers

Enhancements

AlpineJS

- Simple and Efficient
- Alternative to frontend frameworks like VueJS or React
- Inspired by VueJS
- Micro framework

Your new, lightweight, JavaScript framework.



```
<div x-data="{ open: false }">
  <button @click="open = true">Expand</button>

  <span x-show="open">
    Content...
  </span>
</div>
```

Be a Pro

VS Code Extensions

- **Tailwind CSS IntelliSense** improves Tailwind development experience greatly by providing advanced features like autocomplete, syntax highlighting, and linting.
- **Refactor CSS** is a neat extension that lets you identify recurring CSS class names in markup.
- **Prettier TailwindCSS** is a plugin that automatically sorts classes based on TailwindCSS's recommended class order.



Be a Pro

Pre-Built Component Libs

- Tailwindcomponents
- Tailwind Toolbox
- Tailwind UI (official)
- Alpine UI Components



Be a Pro

Next Steps

- Base Theme; Base Components
- Child theme overrides
- Wingsuit UI Patterns



Live Demos???

Job Opportunities

We're Hiring!

Join a team where you can have an immediate impact.

- Drupal + Symfony
- Vue.js + Inertia.js + Laravel + Tailwind CSS
- Intermediate to Senior
Positions available

**Welcome developers, designers,
and creators!**



**Conference
Catalysts**

Now Hiring

Senior Full-Stack Developer

**Apply at the
Conference
Catalysts Booth**