

How I got married to tailwindcss

Klaus Fischer
klaus@supersimple.at
@klausinger

Goal

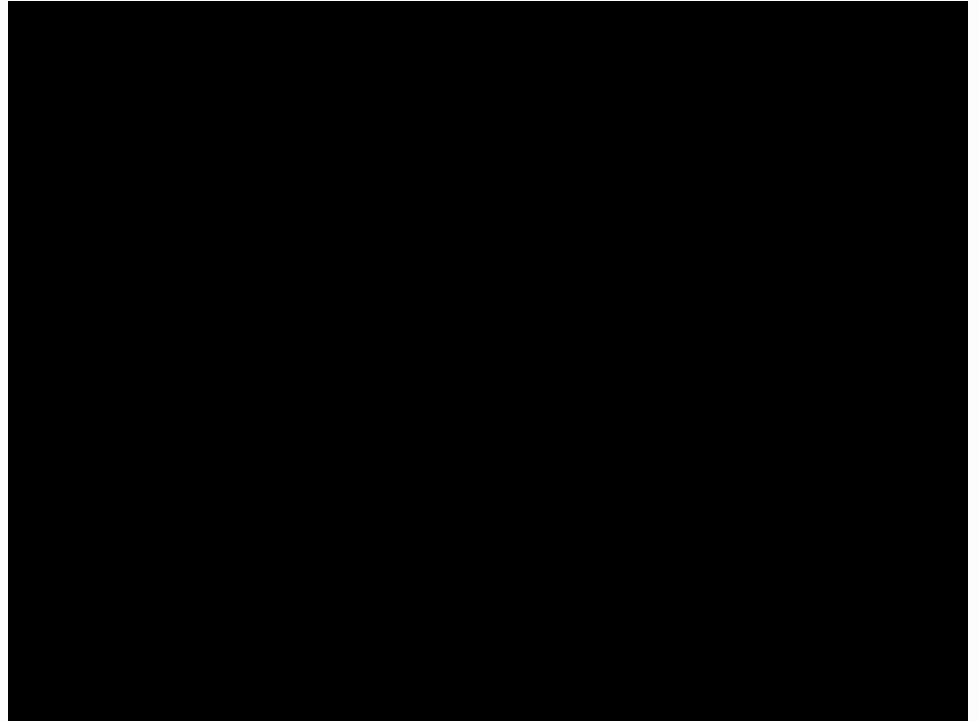
**Motivate 3 people
to try tailwind!**

How is the motivation happening? (Agenda)

1. What is tailwind?
2. What problems does it solve?
3. How did I get convinced?
4. Quickstart
5. Future & Improvements

1. What is tailwind?

A utility-first
CSS framework
for rapidly building
custom designs.



WTF Utility-first



ChitChat

You have a new message!



ChitChat

You have a new message!

```
<div class="chat-notification">
  <div class="chat-notification-logo-wrapper">
    
  </div>
  <div class="chat-notification-content">
    <h4 class="chat-notification-title">ChitChat</h4>
    <p class="chat-notification-message">You have a new message!</p>
  </div>
</div>
```



```
<style>
  .chat-notification {
    display: flex;
    max-width: 24rem;
    margin: 0 auto;
    padding: 1.5rem;
    border-radius: 0.5rem;
    background-color: #fff;
    box-shadow: 0 20px 25px -5px rgba(0, 0, 0, 0.1), 0 10px 10px -5px rgba(0,
  }
  .chat-notification-logo-wrapper {
    flex-shrink: 0;
  }
  .chat-notification-logo {
    height: 3rem;
    width: 3rem;
  }
  .chat-notification-content {
    margin-left: 1.5rem;
    padding-top: 0.25rem;
  }
  .chat-notification-title {
    color: #1a202c;
    font-size: 1.25rem;
    line-height: 1.25;
  }
  .chat-notification-message {
    color: #718096;
    font-size: 1rem;
    line-height: 1.5;
  }
</style>
```

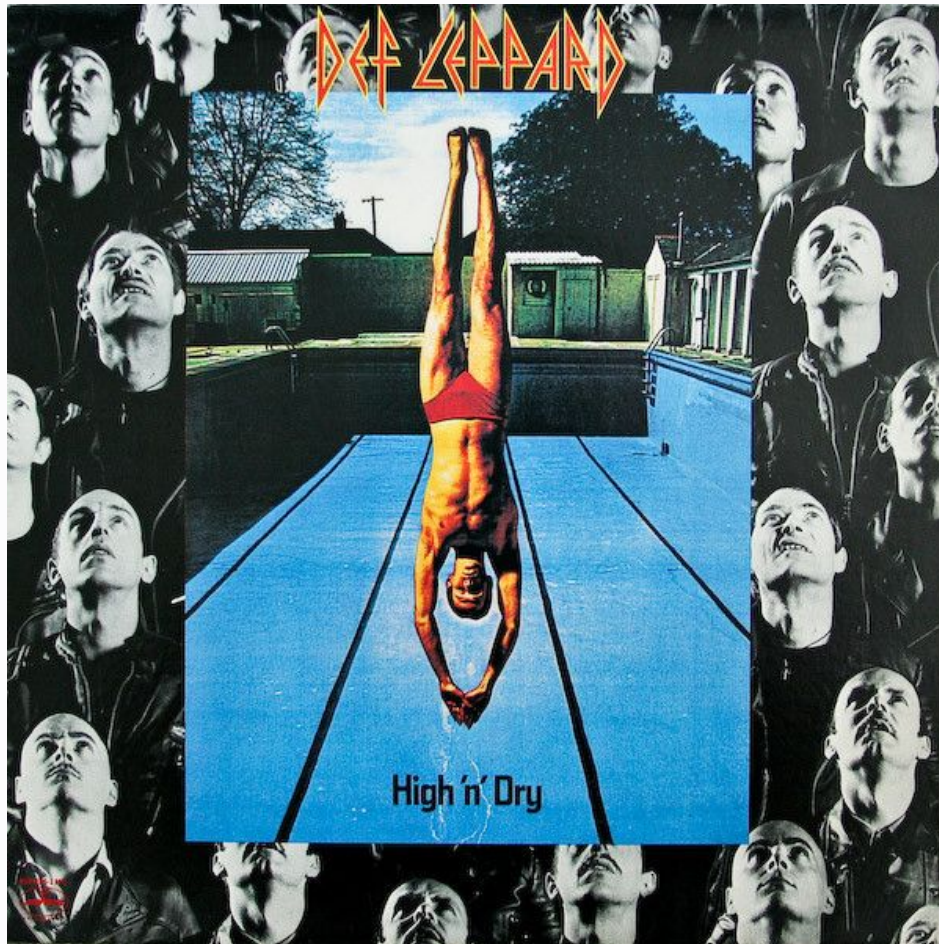


ChitChat

You have a new message!

```
<div class="max-w-sm mx-auto flex p-6 bg-white rounded-lg shadow-xl">
  <div class="flex-shrink-0">
    
  </div>
  <div class="ml-6 pt-1">
    <h4 class="text-xl text-gray-900 leading-tight">ChitChat</h4>
    <p class="text-base text-gray-600 leading-normal">You have a new message!<
  </div>
</div>
```

High and DRY



Button

Button

```
<button class="bg-blue-500 hover:bg-blue-700 text-white font-bold py-2 px-4 rounded" type="button">  
  Button  
</button>
```

```
<button class="bg-gray-400 hover:bg-gray-500 text-gray-800 font-bold py-2 px-4 rounded" type="button">  
  Button  
</button>
```

#soDRY

```
.btn-blue {
  @apply bg-blue-500 text-white font-bold py-2 px-4 rounded;
}
.btn-blue:hover {
  @apply bg-blue-700;
}

.btn-gray {
  @apply bg-gray-400 text-gray-800 font-bold py-2 px-4 rounded;
}
.btn-gray:hover {
  @apply bg-gray-500;
}
```

The issue with this approach is that **you still have potentially painful duplication.**

```
.btn {  
  @apply font-bold py-2 px-4 rounded;  
}
```

```
.btn-blue {  
  @apply bg-blue-500 text-white;  
}
```

```
.btn-blue:hover {  
  @apply bg-blue-700;  
}
```

```
.btn-gray {  
  @apply bg-gray-400 text-gray-800;  
}
```

```
.btn-gray:hover {  
  @apply bg-gray-500;  
}
```



Button



Button

```
<button class="btn btn-blue">  
  Button  
</button>
```

```
<button class="btn btn-gray">  
  Button  
</button>
```

**2. What problems
does tailwind solve?**

Scope: Think less when styling

- Classes instead of CSS properties

```
<span class="text-primary">  
  Importante!  
</span>
```

```
.text-primary {  
  color: red;  
  line-height: 1.25;  
}
```

```
<span class="text-red  
  leading-tight">  
  Importante!  
</span>
```


Responsive utility classes

- **Variants** supercharge your classes

```
<span class="text-lg  
          md:text-xl  
          hover:text-red  
          md:hover:text-blue">
```

Importante!

```
</span>
```

Establish flexible design systems

- Declare your design system/styleguide in [tailwind.config.js](#)
- Atoms → Components
- Build combos for repeating elements (e.g. forms)

```
<input type="text" class="tw-input">
```



```
.tw-input {  
  @apply px-4 py-3 border border-gray-400 appearance-none;  
}
```

It's CSS only!

- No JS components → Use it with your favorite jQuery ~~version~~ JS framework 😊
- Do one thing and do it well
- Less cognitive connection between CSS and JS, easier onboarding
- More utility-based CSS frameworks: tachyons, ...

3. How did I get convinced?

History lesson!

- Bootstrap :(there has to be something better!
- uikit 2 → uikit 3
- Utility based → tachyons?
 -  Minimalism, typo  Maintenance
- Stick with uikit 3

“We really should try that new thing!”



**Make a sustainable choice
I won't regret.**

Sustainable choice, huh?

- Perf: Generate ALL the classes → `purgecss`
- Low risk project (budget, few tech. unknowns, low maintenance)
- `Take the time` to learn
- Encourage enthusiasm
- Decide afterwards



“Mkay, gimme half the pill and a way out.”

Technical integration

- Symfony Boilerplate + Storyblok
- SSR with PHP + twig
- SCSS (uikit)
- ES6, Vue.js, webpack
- Gulp

Sass



PostCSS

Why PostCSS?

- more modular than scss
- postcss-preset-env (!!!)
- CSS custom properties a.k.a. CSS Variables, imports, nesting

Workflow

- Half a day to make it work
- VSCode plugin as cheatsheet
- Designs → extract design system → typo, colors, spacings
- tailwind.config.js overrides
- Start building!

4. tailwindcss Quickstart

tailwindcss Quickstart

- Start plain or add to your setup
- Don't panic, use the ~~force~~ search! (it's really good)
- IDE Plugin / Cheatsheet
- Component-based approach
- Grid, Typography, Spacings (Sample Markdown)
- Give yourself some time!

5. THE FUTURE

Future & Improvements

- Order classes: text-red border-red md:text-lg
- Improve combo-readability
- Combine with JS libs (sliders, modals, ...)
- <https://www.tailwindui.com/>
- Share experiences!

Summary (finally!)

Summary

1. What is tailwind? utility-based
2. What problems does it solve? scope, variants, focused
3. How did I get convinced? Low risk, purgeCSS, enthusiasm
4. Quickstart: pick a project, search docs, IDE plugin
5. Take some time and try it!

Hope you've enjoyed, try it!

Wanna code tailwind or something else?

klaus.fischer@netural.com

Klaus Fischer
@klausinger

STOP CSS NOW, TALK JS

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Klaus Fischer
@klausinger