

May 20, 2025



Get Off Your Sass and use native CSS



Mark Casias
Front End Developer
at Interpersonal Frequency

Mark Casias

Front End Developer
@Interpersonal Frequency

CWG-CRT, Smart Trim,
Shenanigans



interpersonal
frequency





Why



Why

- ∨ components

- > atoms

- > blocks

- ∨ content

- > game

- ∨ player

- ! player.component.yml

- # player.css

- 🌿 player.twig

- > player-card

- > season

```
# Main theme library.      Mark Casias, 19 months ago •
global:
  js:
    js/allytalks.js: {}
  dependencies:
    - core/drupal
  css:
    base:
      css/base/variables.css: {}
      css/base/elements.css: {}
    component:
      css/component/block.css: {}
      css/component/form.css: {}
      css/component/messages.css: {}
    layout:
      css/layout/layout.css: {}
    theme:
      css/theme/print.css: { media: print }
  calendar:
    css:
      component:
        css/component/calendar-view.css: {}
```



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Virtual meet-up featuring
speakers & conversations
around digital accessibility

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Color in CSS

Aubrey Sambor (she/her)

What are the new color options in CSS, and what do they add to the variety of color choices we already have? How do these new color options help to make your site more accessible?

In this talk, I will discuss:

An overview of color spaces available today.

How to use some of the new CSS color functions.

Ways to make your site more accessible by using prefers-contrast, light-dark, and other modern techniques.

**Accessibility Talks**

Color in CSS

What are the new color options in CSS, and what do they add to the variety of color choices we already have? How do these new color options help to make your site more accessible?

In this talk, I will discuss:

- An overview of color spaces available today.
- How to use some of the new CSS color functions.
- Ways to make your site more accessible by using prefers-contrast, light-dark, and other modern techniques.

AllyTalks.com Join the discussion May 29, 12 PM (ET)



Aubrey Sambor

(she/her)

Lead Front End Developer

May 29, 2025, 12pm (EDT)   

libraries:

- a11ytalks/global

libraries-extend:

- calendar_view/calendar:

- a11ytalks/calendar

regions:

- header: 'Header'

Build tools

JavaScript Package Manager Mayhem

- Confusion with choosing between many JavaScript package managers.
- Each package manager has its own unique features and commands.
- This creates a steep learning curve.
- Difficult to switch between projects that use different package managers.



SASS vs. SCSS:

Key Differences

- SCSS uses curly braces and semicolons.
- SASS uses indentation and no semicolons.
- SCSS is considered more readable.
- SASS is considered more concise.
- Both are preprocessed into CSS.

CCSS SASS

Codie stylę petepls infograpises

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4 ærnt
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Mixins, Mexion fnctions













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2 Spilortreesyilcheisatitils
7 Fmcdiedt
7 Tokunt greipsim poñty
8 Wdmthress hachiaity
```



SASS Features

Variables

```
$variable_name == var(--variable_name);
```

```
1  :root {
2    --color-white:  #ffffff;
3    --color-black: #000;
4    --color-gray: #333;
5    --color-gray-dark:  #9f9f9f;
6    --color-gray-blue:  #abb8c3;
7    --color-red: #d33;
8    --color-red-vivid:  #cf2e2e;
9    --color-pink:  #f78da7;
10   --color-orange:  #ff6900;
11   --color-amber:  #fcb900;
12   --color-green-light:  #7bdc5;
13   --color-green-cyan:  #00d084;
14   --color-blue:  #4bb5f5;
15   --color-blue-pale:  #8ed1fc;
16   --color-blue-vivid:  #0693e3;
17   --color-purple:  #9b51e0;
18 }
```



```
# Main theme library.
```

```
global:      Mark Casias, 13 months ago • them
```

```
css:
```

```
  base:
```

```
    css/base/variables.css: {}
```

```
    css/base/elements.css: {}
```

```
  component:
```

```
    css/component/block.css: {}
```


```
    css/component/pager.css: {}
```

```
  layout:
```

```
    css/layout/layout.css: {}
```

```
  theme:
```

```
    css/theme/print.css: { media: print }
```



Main Menu

No front page content has been created yet.
Follow the [User Guide](#) to start building your site. [Subscribe to](#)

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<!-- Component start: nmhockey:menu-->
<ul class="main-menu" data-component-id="nmhockey:menu">
 <li class="main-menu_item main-menu_item-with-sub"> (flex)
 <li class="main-menu_item main-menu_item-with-sub"> (flex)
 <li class="main-menu_item main-menu_item-with-sub"> (flex)
 <!-- Component start: nmhockey:menu-->
 <!-- Component start: nmhockey:link-->
 (event flex)
 <!-- Component end: nmhockey:link-->
 <!-- Component end: nmhockey:menu-->
 <ul class="main-menu main-menu--sub main-menu--sub-1">

 <li class="main-menu_item"> (flex)

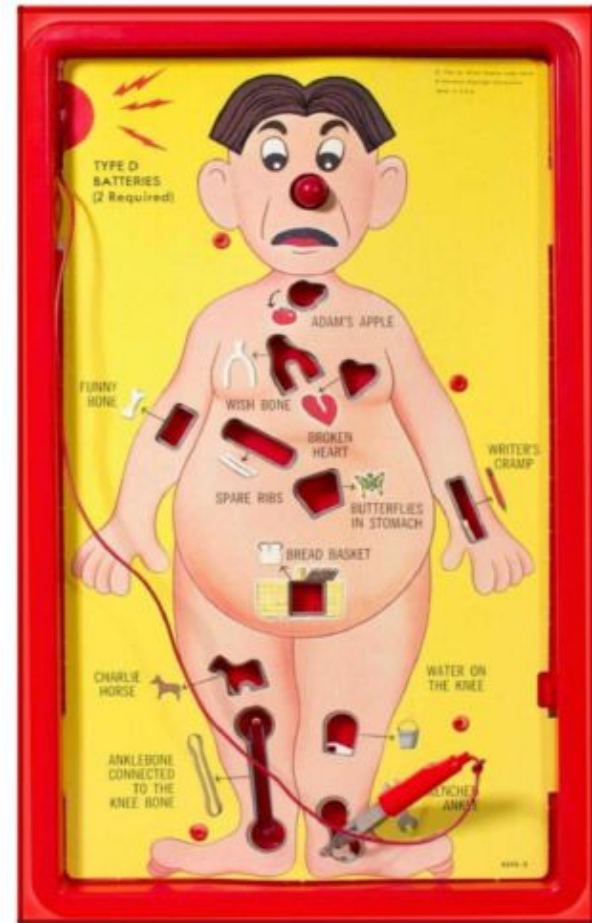
<!-- Component end: nmhockey:menu-->
</div>
</nav>
<!-- Component end: nmhockey:main-menu-->
</main-menu_item-with-...> a.main-menu_link.main-menu_link-with-...>
Rules Layout Computed Changes Compatibility Fonts
Filter Styles :hov .cls +
:root {
 --color-white: #ffffff;
 --color-black: #000;
 --color-gray: #333;
 --color-gray-dark: #9f9f9f;
 --color-gray-blue: #abb8c3;
 --color-red: #d33;
 --color-red-vivid: #cf2e2e;
 --color-pink: #f78da7;
 --color-orange: #ff6900;
 --color-amber: #fcb900;
 --color-green-light: #7bdc5;
 --color-green-cyan: #00d084;
 --color-blue: #4bb5f5;
 --color-blue-pale: #8ed1fc;
 --color-blue-vivid: #0093e3;
 --color-purple: #9b51e0;
 --color-text: var(--color-black);
 --color-text-inverse: var(--color-gray);
 --color-background: var(--color-gray-dark);
 --color-background-section: var(--color-near-white);
}

Evils of Variables

```
28 background: var(--color-base);  
29 color: var(--color-white);  
30 @media (prefers-color-scheme: light) {  
    background: var(--color-white);  
    color: var(--color-black);  
}  
31 |  
32 }
```

Operators

Operators



Calculations with `calc()`

- `calc()` function used for calculations
- Basic math operations supported
- Mix units (px, %, em, rem, vw, vh)
- Nesting possible
- Browser support is good



Nesting

```
<div {{attributes}}>
  {% include "nmhockey:titlebar" with {
    title: visitor.team ~ ' @ ' ~ home.team
  }%}
```

```
<div class="score-summary">
  {% include "nmhockey:game-summary" %}
</div>
<div class
```

```
<!--🍌 Component start: nmhockey:game-->
▼ <div data-component-id="nmhockey:game">
  <!--🍌 Component start: nmhockey:titlebar-->
  ▼ <div data-component-id="nmhockey:titlebar">
    flex
    ▼ <div class="titlebar-container"> flex
      <div class="title">Bowman @ Quinn</div>
      <div class="subtitle">Jan 09 2025 07:45pm
      </div>
    </div>
  </div>
  <!--🍌 Component end: nmhockey:titlebar-->
  ▶ <div class="score-summary"> ... </div>
  ▶ <div class="stats-summary"> ... </div> grid
```

```
[data-component-id="nmhockey:game"] {  
  
  .stats-summary, .details, .rosters {  
  
    @media (min-width: 768px) {  
      display: grid;  
      grid-template-columns: 1fr 1fr;  
      column-gap: .5rem;  
      margin: 1rem 0;  
    }  
  }  
  
  table {  
    width: 100%;  
    border-spacing: 0;  
    text-align: center;  
  }  
}
```

Modules

@import == *@include*

Partials

Mixins

Extends /
Inheritance

Preprocessing

PostCSS: The Future of CSS

- PostCSS uses plugins to transform styles
- Increased maintainability
- Extensibility
- Tooling integration
- Community support



**THANK YOU,
QUESTIONS?**



CONTRIBUTION DAY

Thursday 10:00am to
4:00pm

You don't have to know code to give back!

New Contributor training 9:00am to 10:00am

PLEASE PROVIDE YOUR FEEDBACK!

<https://mid.camp/8662>