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**A NIGHT FULL OF SASS**

**WHAT IS SASS?**

# SASSSCRIPT

## ▶ Variables

```
$color: #000088;
```

## ▶ Functions

```
@function awesome-shade($color) {  
  @return desaturate(lighten($color, 20%), 5%);  
}
```

## ▶ Mixins

```
@mixin awesome-color {  
  color: awesome-shade($color);  
}
```

## DATA TYPES

- ▶ numbers: 1.2, 13, 2em
- ▶ strings of text, with and without quotes: "foo", 'bar', baz
- ▶ colors: blue, #04a3f9, rgba(255, 0, 0, 0.5)
- ▶ booleans
- ▶ nulls

...

## DATA TYPES

...

- ▶ lists of values, separated by spaces or commas:
  - ▶ 1.5em 1em 0 2em
  - ▶ "Helvetica Neue", Helvetica, Arial, sans-serif
- ▶ maps from one value to another:
  - ▶ (key1: value1, key2: value2)

## DRY MIXINS

- ▶ Sass can save you a lot of typing, but can result bloated style sheets
- ▶ Placeholder selectors (@extend rules) can help, but they can have odd side effects
- ▶ Mixins accept arguments, but their output is repeated every time they're included
- ▶ **But** we can combine the two techniques!

**WHAT DOES THIS HAVE  
TO DO WITH DRUPAL?**

## SOME REFERENCES

- ▶ Install Sass: [sass-lang.com/install](http://sass-lang.com/install)
- ▶ Dan Cederholm, *Sass for Web Designers*. A Book Apart, 2013: [abookapart.com/products/sass-for-web-designers](http://abookapart.com/products/sass-for-web-designers)
- ▶ Sam Richard, "DRY-ing Out Your Sass Mixins." *A List Apart*, April 29, 2014: [alistapart.com/article/dry-ing-out-your-sass-mixins](http://alistapart.com/article/dry-ing-out-your-sass-mixins)
- ▶ Jonathan Snook, *Scalable and Modular Architecture for CSS*: [smacss.com](http://smacss.com)