

DATEBOX

# Tips for building a design system

Tips for building a  
design system  
or pattern library  
or styleguide

A design system  
is dynamic

The first thing you  
should build is a  
process for how to  
make changes

**Prioritize it as a  
product or it will die**

# Control your colors

# \$variable hell

```
$brand-primary: #69bec0;  
$brand-primary-alt: #87e5e7;  
$brand-primary-alt-light: #69bec0;  
$brand-secondary: #69bec0;  
$brand-secondary-alt: #87e5e7;  
$brand-secondary-alt-light: #87e5e7;
```



```
$colors: (  
  failure: (  
    lighter: #fbeae5,  
    light: #fead9a,  
    base: #ed6347,  
    dark: #bf0711,  
    darker: #330101,  
    text: #583c35  
  ),  
  success: (  
    lighter: #e3f1df,  
    light: #bbe5b3,  
    base: #50b83c,  
    dark: #108043,  
    darker: #173630,  
    text: #414f3e  
  )  
);
```

```
@function color($hue, $value: base) {  
  return map-get( ... );  
}  
  
.my-class {  
  color: color( success );  
}  
  
@each $color in $colors {  
  .btn--#{ $color } {  
    background-color: color( success, light );  
    color: color( success, text );  
  }  
}
```

Separate your  
spacing

# This is a nice heading



margin-bottom: 1.5rem



# This is a nice heading

HOW ABOUT A SUBHEADING



```
$spacing_scale: (  
  '0': 0rem,  
  '1': .5rem,  
  '2': 1rem,  
  '3': 2rem,  
  '4': 4rem,  
  '5': 8rem,  
  '6': 16rem,  
  '7': 32rem  
);
```

```
@for $i from 0 through 7 {  
  // margin-bottom  
  .mb#{ $i } {  
    margin-bottom: map-get($spacing_scale, #{ $i });  
  }  
  
  // margin-top  
  .mt#{ $i } {  
    margin-bottom: map-get($spacing_scale, #{ $i });  
  }  
}
```

```
<h1 class="mb1">Heading</h1>  
<h2 class="mb2">Subheading</h2>
```

**Give your teammates  
the best tools to  
do their job**

**For Developers:**  
**DOCUMENT EVERYTHING**

**For Designers:**  
**PROVIDE WORKING CODE**

# Thanks!

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