

## Parent Selectors

The parent selector, `&`, is a special selector invented by Sass that's used in nested selectors to refer to the outer selector. It makes it possible to re-use the outer selector in more complex ways, like adding a pseudo-class or adding a selector before the parent.

\_colors.scss file

```
@each $key, $val in $colors {
  .text-#{$key} {
    color: $val;
  }
  // text hover color
  .text-hover-#{$key} {
    &:hover {
      color: $val;
    }
  }
}

.bg-#{$key} {
  background-color: $val;
}

@if( $val != black and $val != white){

  // light variations
  @for $i from 1 through 9 {
    .text-#{$key}-light-#{$i} {
      color: mix(white, $val, $i * 10);
    }

    // text hover color-light
    .text-hover-#{$key}-light-#{$i} {
      &:hover {
        color: mix(white, $val, $i * 10);
      }
    }

    .bg-#{$key}-light-#{$i} {
      background-color: mix(white, $val, $i * 10);
    }
  }

  // dark variations
  @for $i from 1 through 9 {
```

```

        .text-#{$key}-dark-#{$i} {
            color: mix(black, $val, $i * 10);
        }

        // text hover color-dark
        .text-hover-#{$key}-dark-#{$i} {
            &:hover {
                color: mix(black, $val, $i * 10);
            }
        }

        .bg-#{$key}-dark-#{$i} {
            background-color: mix(black, $val, $i * 10);
        }
    }

}

}

```

\_index.html file

```

<br><br>

<a href="#" class="text-primary text-hover-orange-light-1">hover me</a>
<a href="#" class="text-primary text-hover-purple-light-1">hover me</a>

```

\_index.css file generate classes

```

.text-hover-orange-dark-7:hover {
    color: #4d3200;
}

.text-hover-orange-dark-8:hover {
    color: #332100;
}

.text-hover-purple:hover {
    color: #9900ff;
}

```

And more...

▪

# Browser output:

Colors

primary text | secondary text | error text | info text | blue text | red text | green text | yellow text | purple text | orange text | gray text

bg primary | bg secondary | bg error | bg info | bg blue | bg red | bg green | bg yellow | bg purple | bg orange | bg gray |

primary dark 8 | primary dark 6 | primary dark 4 | primary dark 2 | primary | primary light 2 | primary light 4 | primary light 6 | primary light 8 |

hover me hover me

Cards

This is a title

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Activate Windows  
Go to Settings to activate Windows.