

Make color schemes a no-brainer with Sass - Patrick Baselier





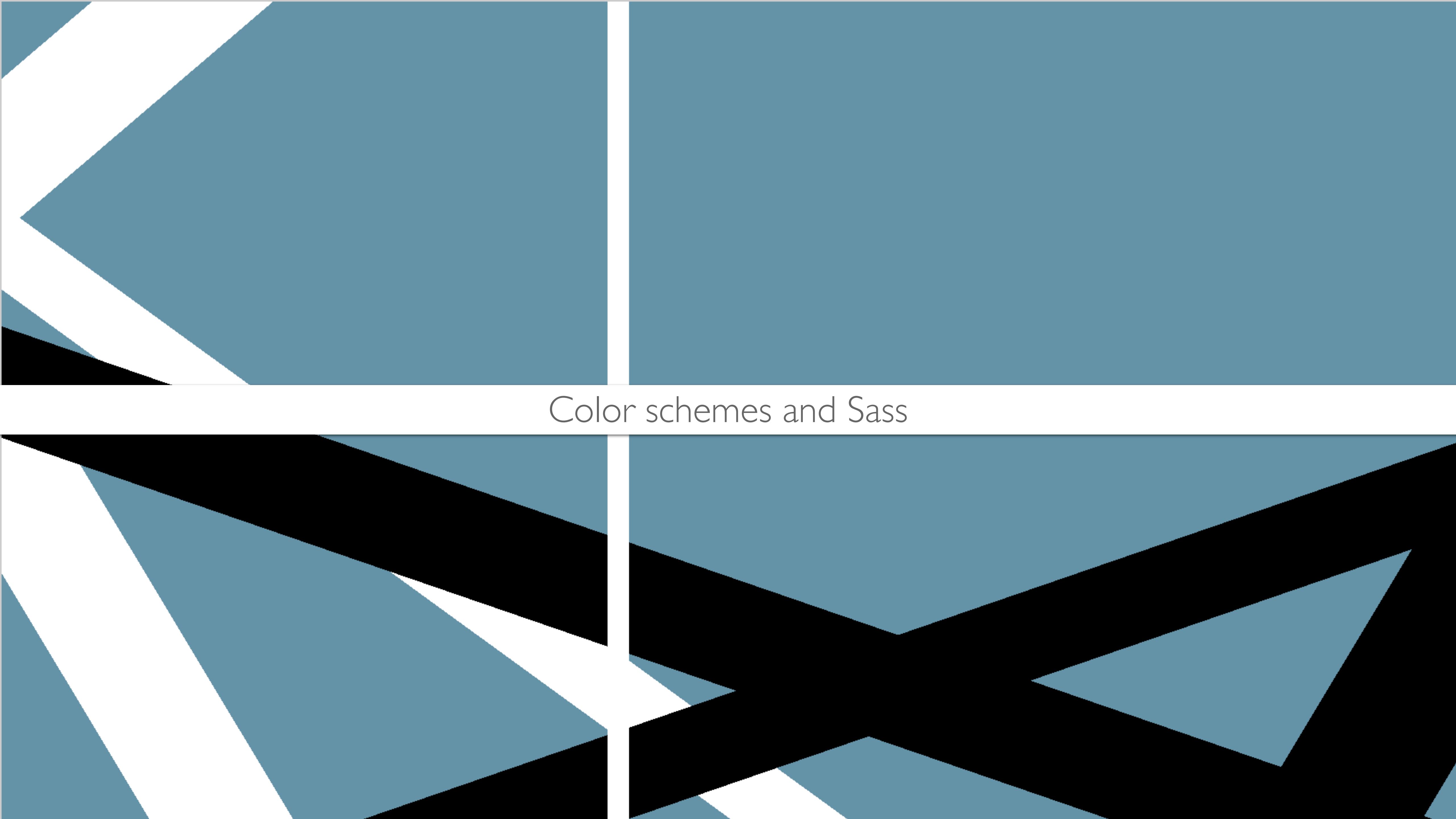
**Kabiso**



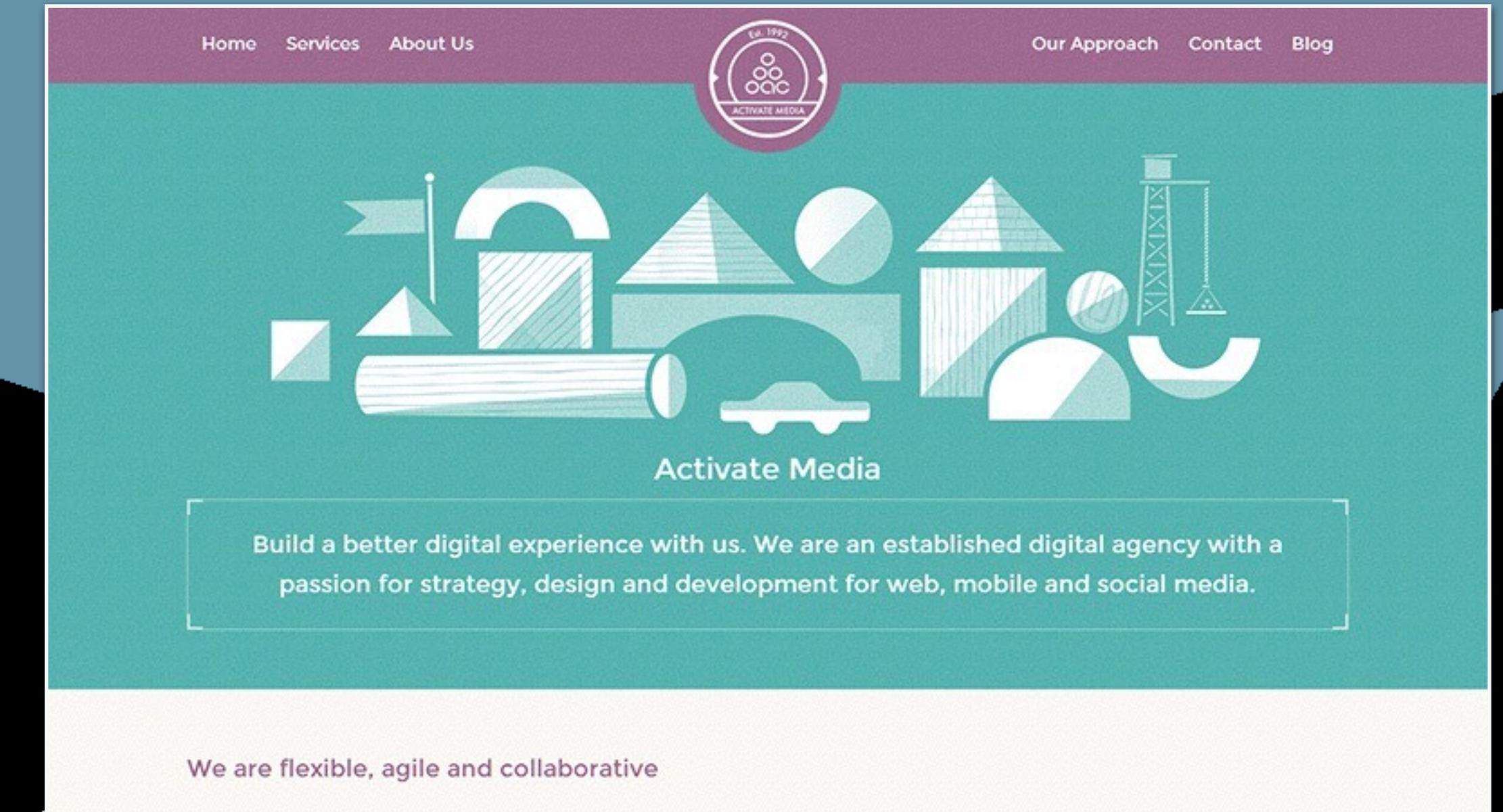
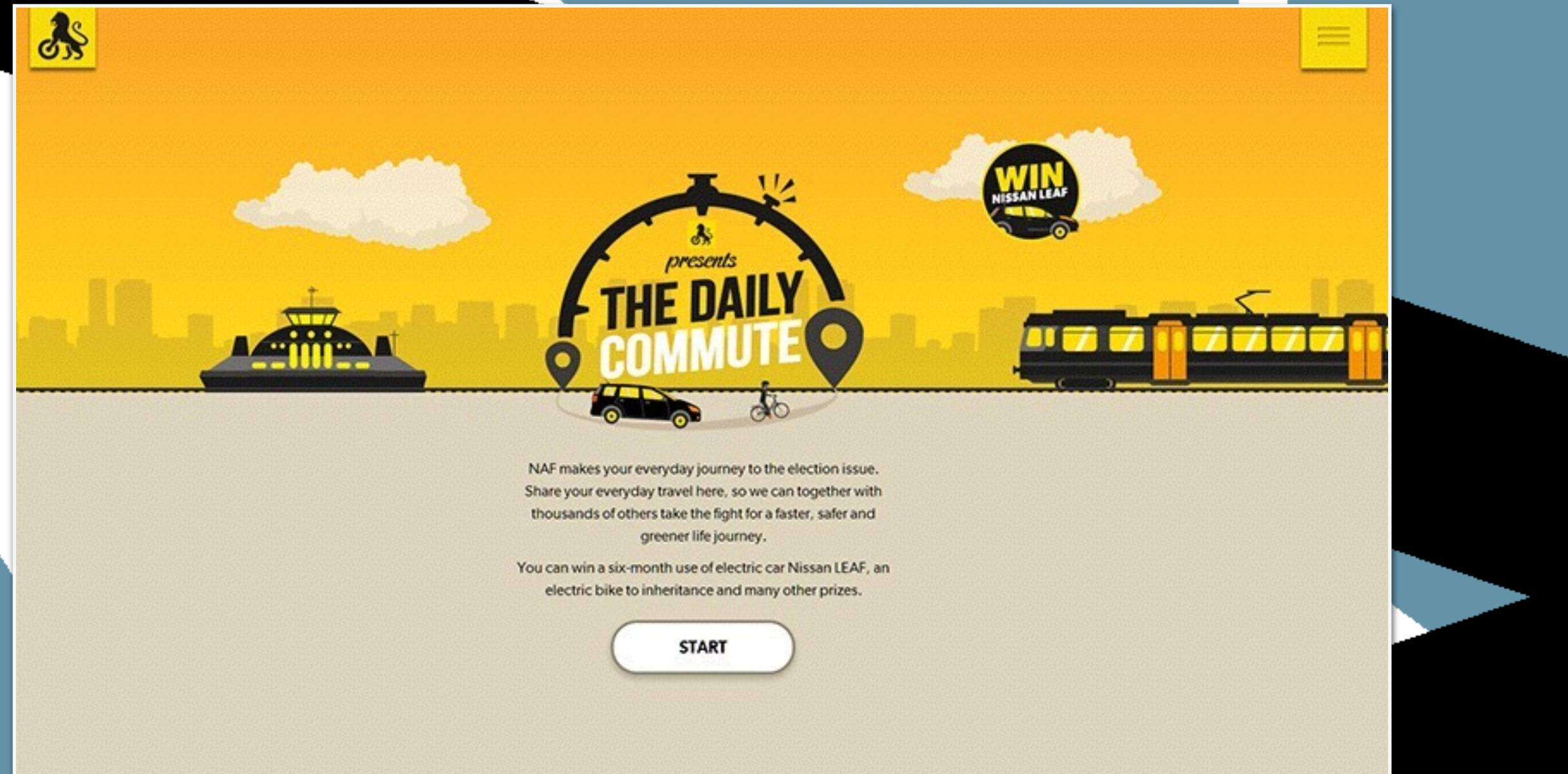
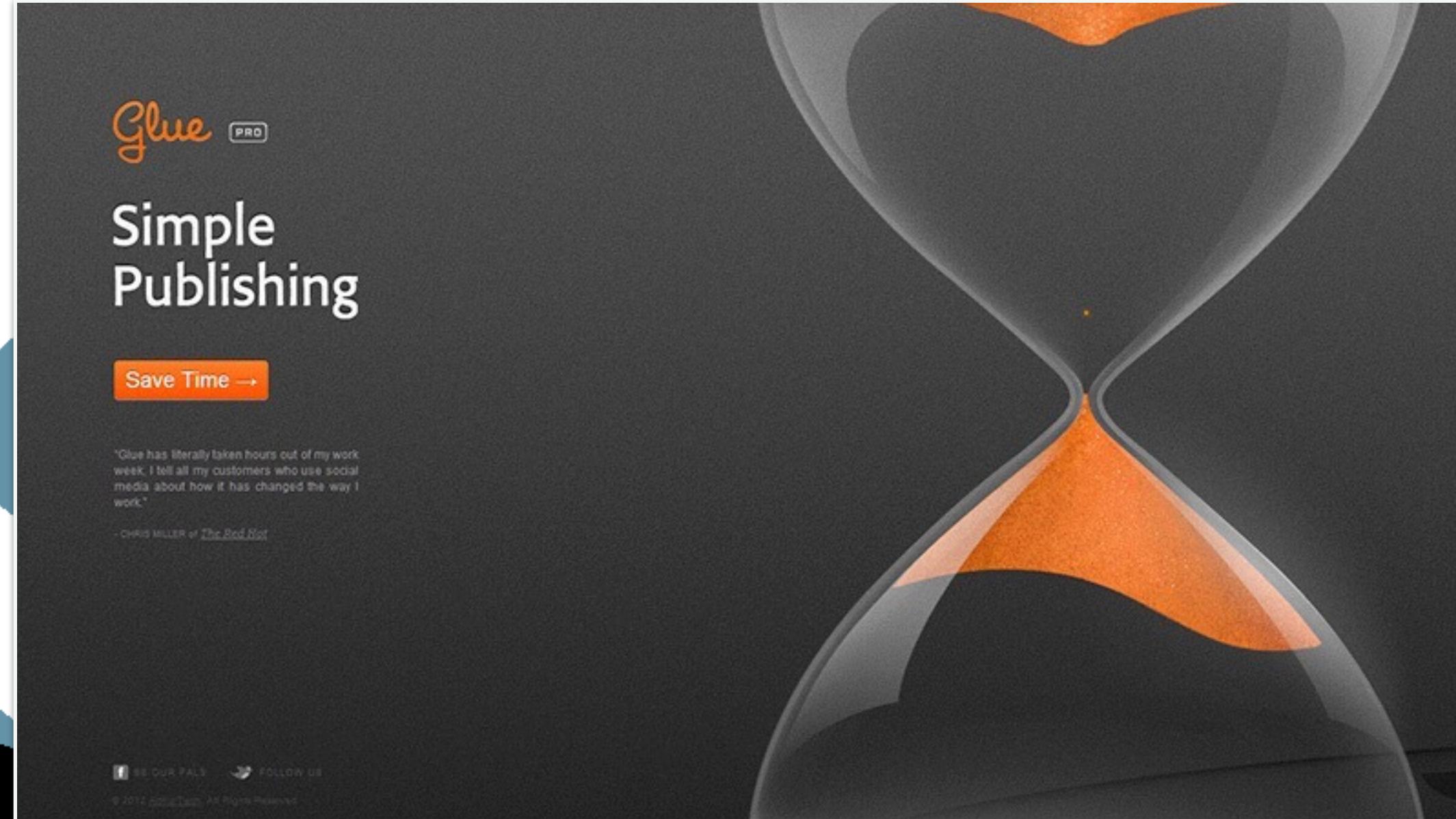








## Color schemes and Sass



Most Visited Workspace Login Smoov-E Rollerskate... The Village Center At... Getting Started Latest Headlines ShowMeLocal.com bu... Organic SEO Search Re... Pin It Press This

Search Safe Web Identity Safe

[www.ARNGREN.net](http://www.ARNGREN.net)

Counter (På 07.11.2009) Index [Fritak i min Fl-Bil](#) [Slik Betaler du](#)

Søk Arngren.net

Bygg ditt eget 2-seters Helikopter. [Index](#) kr. 396.000,-

23 Butikker [Gratis el-retur](#) [Video](#)

Teknologi & Gadgets [Index](#) [el-retur](#)

Forbruker Elektronikk [Nyhet!](#) kr. 199,-

44 Språk-Talende Oversetter m/versjon fra kr. 299,-

Lynx Helikopter m/ Farge-Monitor

Alle Produkter på denne siden lages av hos ARNGREN i Oslo. Se Lagerdeler etter Prisene (lev. 2 - 5 dager): ● er på Lager ● kommer før 3 uker ● lengre enn 3 uker

RC Produkter 120cm langt, Computer-styr

ONRAD

Avatar-Gunship. Et detrakte Helikopteret noensinne. [Kjepsloven klikk her](#) [Angresjema klikk her](#) [Video](#)

Elbit; Arngren-Comarth 2WD/4WD. 2 eller 4 seter fra kr. 89.990,- [Nyhet!](#) [Video](#)

RC Helikopter [Tilbud!](#) kr. 299,- [4-CH](#)

Elektronikk

Avatar-Gunship kr. 299,- [Video](#)

El-Scooter fra kr. 9.990,- [Tilbud!](#) [Video](#)

Gratis Mobiltelefoni [Skype](#) fra kr. 79,- [Video](#)

Elektrisk Porsche Toppart: 250 km/t 0-100: 4,9 sek. 300 km fra kr. 399.990,- [Video](#)

Luft-jekk (4,2 tonn) til Bil eller Båt fra kr. 798,- [Video](#)

El-Bil : Toy-Rider fra kr. 89.990,- [Nyhet!](#) [Video](#)

Oppladbar Lykt (15mlt.) Verdens Sterkeste fra kr. 599,- [Video](#)

Laser-Show fra kr. 599,- [Video](#)

Kikkert med Digital-Kamera & LCD-skjerm fra kr. 1599,- [Video](#)

RC Helikopter Super Stabil! 4ch. Metall fra kr. 999,- [Video](#)

ATV 85km/t. 1.8 [Video](#)

4WD Truck 2.4 Ghz RC fra kr. 2399,- [Tilbud!](#) [Video](#)

Lyd, Røyk, Lys fra kr. 1000,- [Video](#)

Gratis Mobiltelefoni fra kr. 79,- [Video](#)

El-Scooter 5000 watt fra kr. 29.990,- [Video](#)

4,4 & 6 ch Airwolf Helikopter fra kr. 999,- [Video](#)

El-Bil; Comarth 2WD/4WD. 2 eller 4 seter fra kr. 89.990,- [Video](#)

Luft-jekk 4ch 100cm langt fra kr. 999,- [Video](#)

Trådløst Mikro Farge-Kamera sett fra kr. 299,- [Video](#)

Styrehelte & Fordeler til Bil fra kr. 299,- [Video](#)

RC Tank i Metall (55 cm) med Lufkanon fra kr. 999,- [Video](#)

4WD Propell-fly 2.4 Ghz fra kr. 999,- [Tilbud!](#) [Video](#)

PC-8 Propell-fly 2.4 Ghz fra kr. 999,- [Tilbud!](#) [Video](#)

Kikkert-lengste & kraftigste fra kr. 599,- [Video](#)

Hus-Alarm m/irr. seeder fra kr. 599,- [Video](#)

RC Fly-Båt 70 cm lang fra kr. 1299,- [Video](#)

RC Jagerfly (131 cm) Innførbare Hjul El. Jetmotor fra kr. 999,- [Video](#)

Digital-TV mottaker for PC & TV. Se Gratis fra kr. 499,- [Video](#)

Trådløs Kamera m/ Alarm & GSM fra kr. 599,- [Video](#)

Farge-Printer Polaroid (Mini) fra kr. 999,- [Video](#)

Jagerfly med el. Jet-motor 1 m lang fra kr. 999,- [Video](#)

RC kamp-Helikopter med Laser-Kanon fra kr. 299,- (pr. sett) [Video](#)

Star Wars R2-D2 Projektor Ur fra kr. 299,- [Video](#)

Star Wars R2-D2 Projektor Ur fra kr. 299,- [Video](#)

Elektronikk

2.4 GHz, 6ch [Tilbud!](#) [Video](#)

F-14 turbofan x 2 fly 100 cm bred fra kr. 799,- [Video](#)

Willy på Eventyr & Klassiske fra kr. 699,- [Video](#)

- Direkte-Salg (Lave priser) [Index](#)

Conrad

Falkon 450 fra kr. 1999,- [Video](#)

IC Tiger & Leopard-Tank 53 cm lang. Skjør Kuller 30m fra kr. 1999,- [Video](#)

Figurer Hobby [Video](#)

Elektronikk

23 Butikker [Gratis el-retur](#) [Video](#)

Teknologi & Gadgets [Index](#) [el-retur](#)

Forbruker Elektronikk [Nyhet!](#) kr. 199,-

44 Språk-Talende Oversetter m/versjon fra kr. 299,-

Lynx Helikopter m/ Farge-Monitor

Alle Produkter på denne siden lages av hos ARNGREN i Oslo. Se Lagerdeler etter Prisene (lev. 2 - 5 dager): ● er på Lager ● kommer før 3 uker ● lengre enn 3 uker

RC Produkter 120cm langt, Computer-styr

ONRAD

Avatar-Gunship. Et detrakte Helikopteret noensinne. [Kjepsloven klikk her](#) [Angresjema klikk her](#) [Video](#)

Elbit; Arngren-Comarth 2WD/4WD. 2 eller 4 seter fra kr. 89.990,- [Nyhet!](#) [Video](#)

RC Helikopter [Tilbud!](#) kr. 299,- [4-CH](#)

Elektronikk

Avatar-Gunship kr. 299,- [Video](#)

El-Scooter fra kr. 9.990,- [Tilbud!](#) [Video](#)

Gratis Mobiltelefoni [Skype](#) fra kr. 79,- [Video](#)

Elektrisk Porsche Toppart: 250 km/t 0-100: 4,9 sek. 300 km fra kr. 399.990,- [Video](#)

Luft-jekk (4,2 tonn) til Bil eller Båt fra kr. 798,- [Video](#)

El-Bil : Toy-Rider fra kr. 89.990,- [Nyhet!](#) [Video](#)

Oppladbar Lykt (15mlt.) Verdens Sterkeste fra kr. 599,- [Video](#)

Laser-Show fra kr. 599,- [Video](#)

Kikkert med Digital-Kamera & LCD-skjerm fra kr. 1599,- [Video](#)

RC Helikopter Super Stabil! 4ch. Metall fra kr. 999,- [Video](#)

ATV 85km/t. 1.8 [Video](#)

4WD Truck 2.4 Ghz RC fra kr. 2399,- [Tilbud!](#) [Video](#)

Lyd, Røyk, Lys fra kr. 1000,- [Video](#)

Gratis Mobiltelefoni fra kr. 79,- [Video](#)

El-Scooter 5000 watt fra kr. 29.990,- [Video](#)

4,4 & 6 ch Airwolf Helikopter fra kr. 999,- [Video](#)

El-Bil; Comarth 2WD/4WD. 2 eller 4 seter fra kr. 89.990,- [Video](#)

Luft-jekk 4ch 100cm langt fra kr. 999,- [Video](#)

Trådløst Mikro Farge-Kamera sett fra kr. 299,- [Video](#)

Styrehelte & Fordeler til Bil fra kr. 299,- [Video](#)

RC Tank i Metall (55 cm) med Lufkanon fra kr. 999,- [Video](#)

4WD Propell-fly 2.4 Ghz fra kr. 999,- [Tilbud!](#) [Video](#)

PC-8 Propell-fly 2.4 Ghz fra kr. 999,- [Tilbud!](#) [Video](#)

Kikkert-lengste & kraftigste fra kr. 599,- [Video](#)

Hus-Alarm m/irr. seeder fra kr. 599,- [Video](#)

RC Fly-Båt 70 cm lang fra kr. 1299,- [Video](#)

RC Jagerfly (131 cm) Innførbare Hjul El. Jetmotor fra kr. 999,- [Video](#)

Digital-TV mottaker for PC & TV. Se Gratis fra kr. 499,- [Video](#)

Trådløs Kamera m/ Alarm & GSM fra kr. 599,- [Video](#)

Farge-Printer Polaroid (Mini) fra kr. 999,- [Video](#)

Jagerfly med el. Jet-motor 1 m lang fra kr. 999,- [Video](#)

RC kamp-Helikopter med Laser-Kanon fra kr. 299,- (pr. sett) [Video](#)

Star Wars R2-D2 Projektor Ur fra kr. 299,- [Video](#)

Star Wars R2-D2 Projektor Ur fra kr. 299,- [Video](#)

Elektronikk

The image shows a website header with a dark purple background decorated with numerous small, glowing spheres in shades of green, blue, and pink. In the top center, there is a large, ornate title banner with a rainbow border. The title reads "CONSTELLATION SEVEN" at the top, followed by "REVELATION MINISTRIES" in a larger font, and "FOR CHRIST JESUS" and "THE SON OF GOD" below it. Between the main title and subtitle, there are two small scriptural references: "Rev 22:21" on the left and "Gen 1:1" on the right, each accompanied by a small cross icon. Below the title banner, there is a quote from the Bible: "Galatians 1:12" in green, followed by the text "For I neither received it of man, neither was I taught it, but by the revelation of Jesus Christ." The quote is framed by two small crosses. At the bottom of the page, there is a red rectangular button with white text that says "CLICK HERE OR ABOVE FOR SIMPLE SALVATION IN CHRIST".

The screenshot shows the homepage of the website 'The World's Worst Website Ever!' (TWWWE). The header features a large, stylized title with a red-to-white gradient. Below it, a message says 'COMING SOON: An even worse site! Look for it sometime later, eventually! we PROMISE!'. To the left, there's a 'Traffic Stats' section with three large numbers (9, 9, 9) and a 'SELF SERVE' button. The main content area has a yellow background and displays the text 'You've found The World's Worst Website Ever!' with a starry graphic. It includes a note about the site being a project to highlight web design errors, a link to see more errors, and a warning that the site is under construction. There are also links to send email and install Google Chrome. A sidebar on the right shows a sunset over water and contains text like 'OHHH BOY!', 'v 2.0', and 'of TWWWE coming SHORTLY!'. At the bottom, there's a 'WHAT'S NEW' section with a large yellow font, a 'MAIN MENU' with various links, and a 'Shocking Photos!' section.

The screenshot shows the homepage of LINGS CARS .COM. At the top left, there's a yellow sidebar with the text 'CAR LEASING' and 'Want a cheap new lease car? Start HERE!'. Below this is a large photo of a man with a surprised expression. To the right of the sidebar is the main navigation bar with tabs for 'Home', 'Cars and Vans', 'How It Works', 'Price Lists', 'About Ling', 'Customers', 'Fun Stuff', and 'Quote/Order'. Above the navigation, there's a banner for 'UK CONTRACT HIRE CARS FROM LING VALENTINE' featuring a traffic light, a Union Jack, and a smartphone. A red banner across the top says 'CAR LEASING - CONTRACT HIRE - CHEAP LEASE CARS'. Below the navigation, there are sections for 'Business Customer Pricing' and 'Personal Customer Pricing'. A 'Search Cars Here' button is visible. On the right side, there's a 'LING'S LIVE TWITTER FEED' box showing tweets from users like trullock, Jorge\_onwell, and seancollieruk. Below the feed is a 'Privacy and Electronic Communications (EC Directive) Regulations 2011 BLAH' notice. At the bottom, there are sections for 'You can't find a car?', 'Apply for a CAR QUOTE', and 'AS SEEN ON TV TWO DRAGONS DEN' with quotes from Richard Farleigh, Duncan Bannatyne, and Deborah Meaden. A 'UK WARNING' section is at the very bottom.

#FF8800

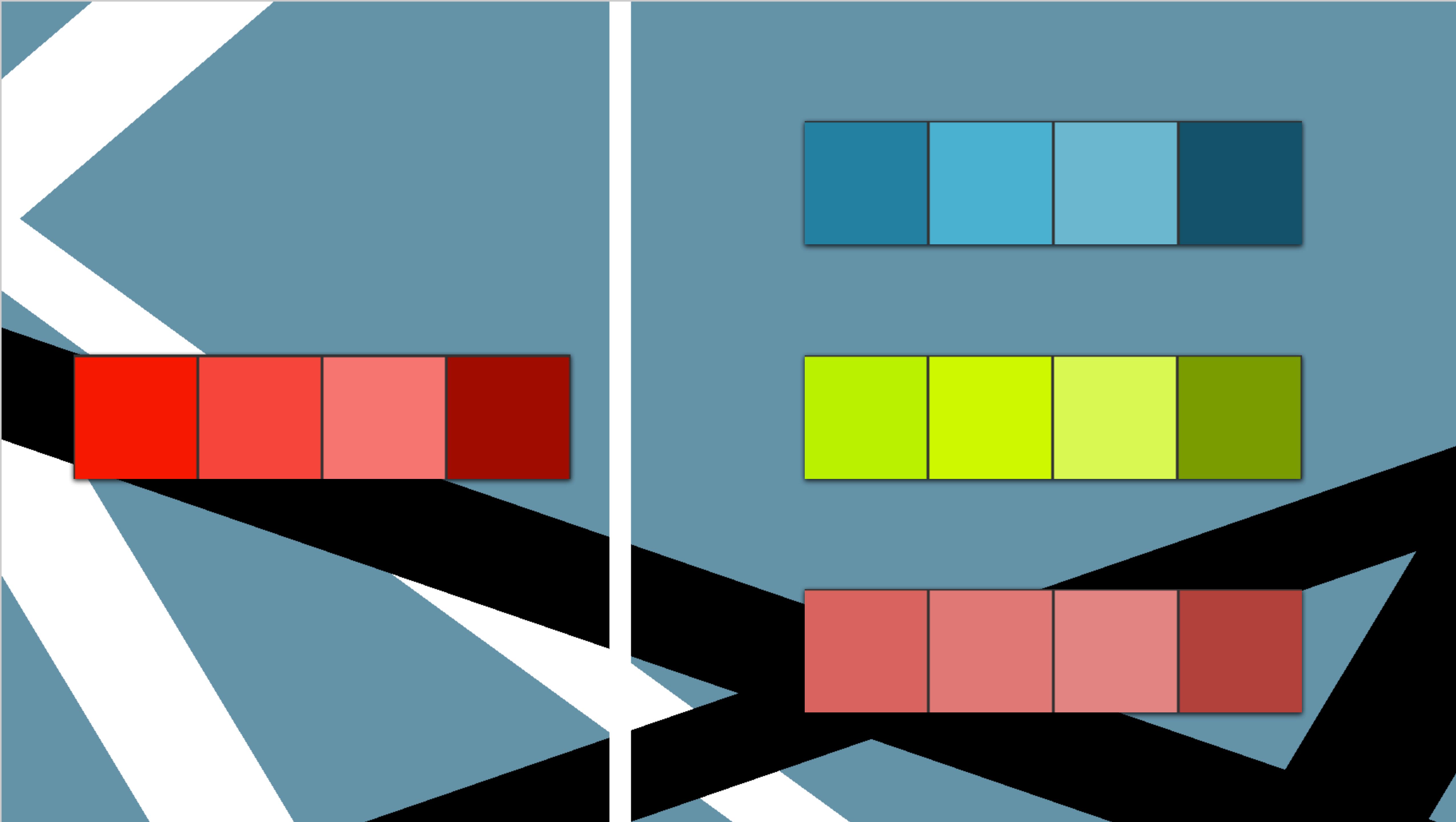
hsl(32, 100%, 50%)

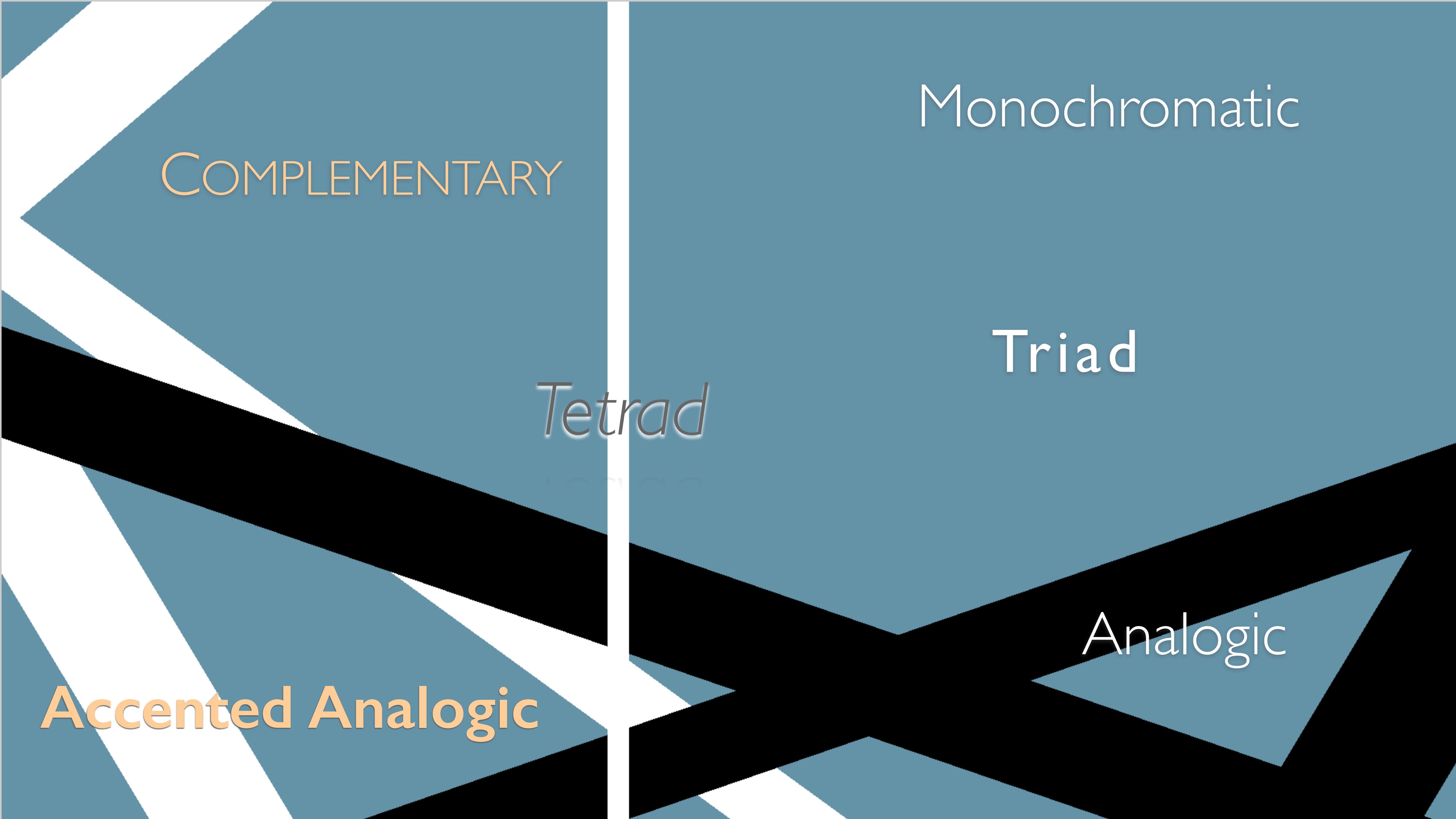
rgb(255, 136, 0)

#206676

hsl(191, 57%, 29%)

rgb(32, 102, 118)





Monochromatic

COMPLEMENTARY

Triad

Tetrad

Accented Analogic

Analogic



A large, stylized word "sass" is centered in the image. The letters are written in a thick, pink, cursive font. The background features a complex arrangement of overlapping geometric shapes in shades of blue, white, and black, creating a sense of depth and motion. A thin vertical white line runs through the center of the word "sass".

sass

```
body {  
  font: 100% Helvetica, sans-serif;  
  color: #333;  
}
```

CSS

```
body {  
  font: 100% Helvetica, sans-serif;  
  color: #333;  
}
```

Sass

```
body {  
  font: 100% Helvetica, sans-serif;  
  color: #333;  
}
```

CSS

```
$font-stack: Helvetica, sans-serif;  
$primary-color: #333;
```

Sass

```
body {  
  font: 100% $font-stack;  
  color: $primary-color;  
}
```

# CSS

```
nav ul {  
    margin: 0;  
    padding: 0;  
    list-style: none;  
}  
  
nav li {  
    display: inline-block;  
}  
  
nav a {  
    display: block;  
    padding: 6px 12px;  
    text-decoration: none;  
}
```

# Sass

```
nav {  
    ul {  
        margin: 0;  
        padding: 0;  
        list-style: none;  
    }  
  
    li {  
        display: inline-block;  
    }  
  
    a {  
        display: block;  
        padding: 6px 12px;  
        text-decoration: none;  
    }  
}
```

## Sass

```
// _reset.scss  
  
html,  
body,  
ul,  
ol {  
  margin: 0;  
  padding: 0;  
}  
  
/* base.scss */  
  
@import 'reset';
```

```
html, body, ul, ol {  
  margin: 0;  
  padding: 0;  
}  
  
body {  
  font: 100% Helvetica, sans-serif;  
  background-color: #efefef;  
}
```

## CSS

```
@mixin border-radius($radius) {  
  -webkit-border-radius: $radius;  
  -moz-border-radius: $radius;  
  -ms-border-radius: $radius;  
  border-radius: $radius;  
}  
  
.box { @include border-radius(10px); }
```

Sass

```
.box {  
  -webkit-border-radius: 10px;  
  -moz-border-radius: 10px;  
  -ms-border-radius: 10px;  
  border-radius: 10px;  
}
```

CSS

```
.container { width: 100%; }
```

```
article[role="main"] {  
    float: left;  
    width: 600px / 960px * 100%;  
}
```

```
aside[role="complimentary"] {  
    float: right;  
    width: 300px / 960px * 100%;  
}
```

Sass

```
.container {
```

```
    width: 100%;
```

```
}
```

```
article[role="main"] {
```

```
    float: left;
```

```
    width: 62.5%;
```

```
}
```

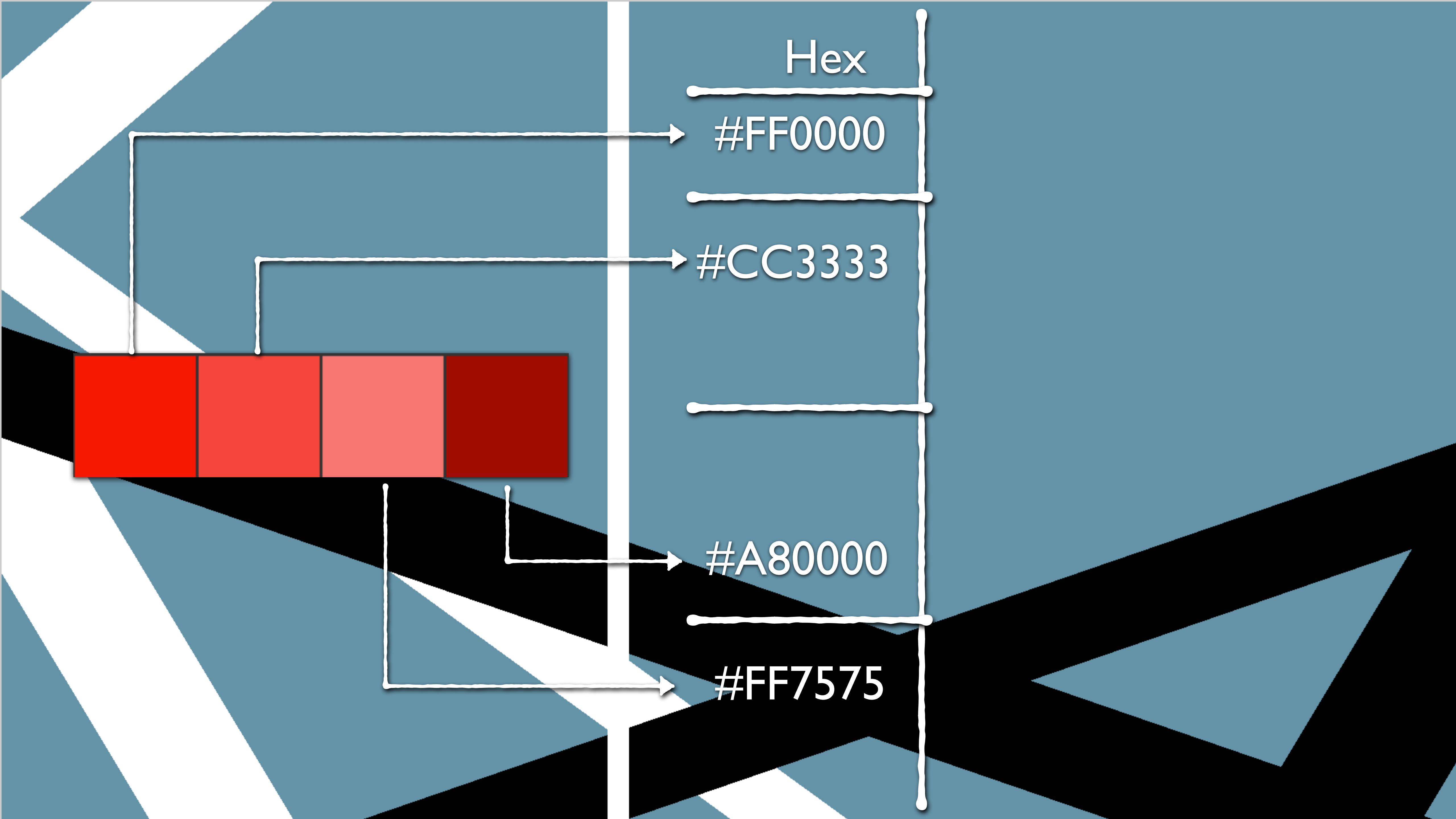
```
aside[role="complimentary"] {
```

```
    float: right;
```

```
    width: 31.25%;
```

```
}
```

CSS



Hex

#FF0000

#CC3333

#A80000

#FF7575

R

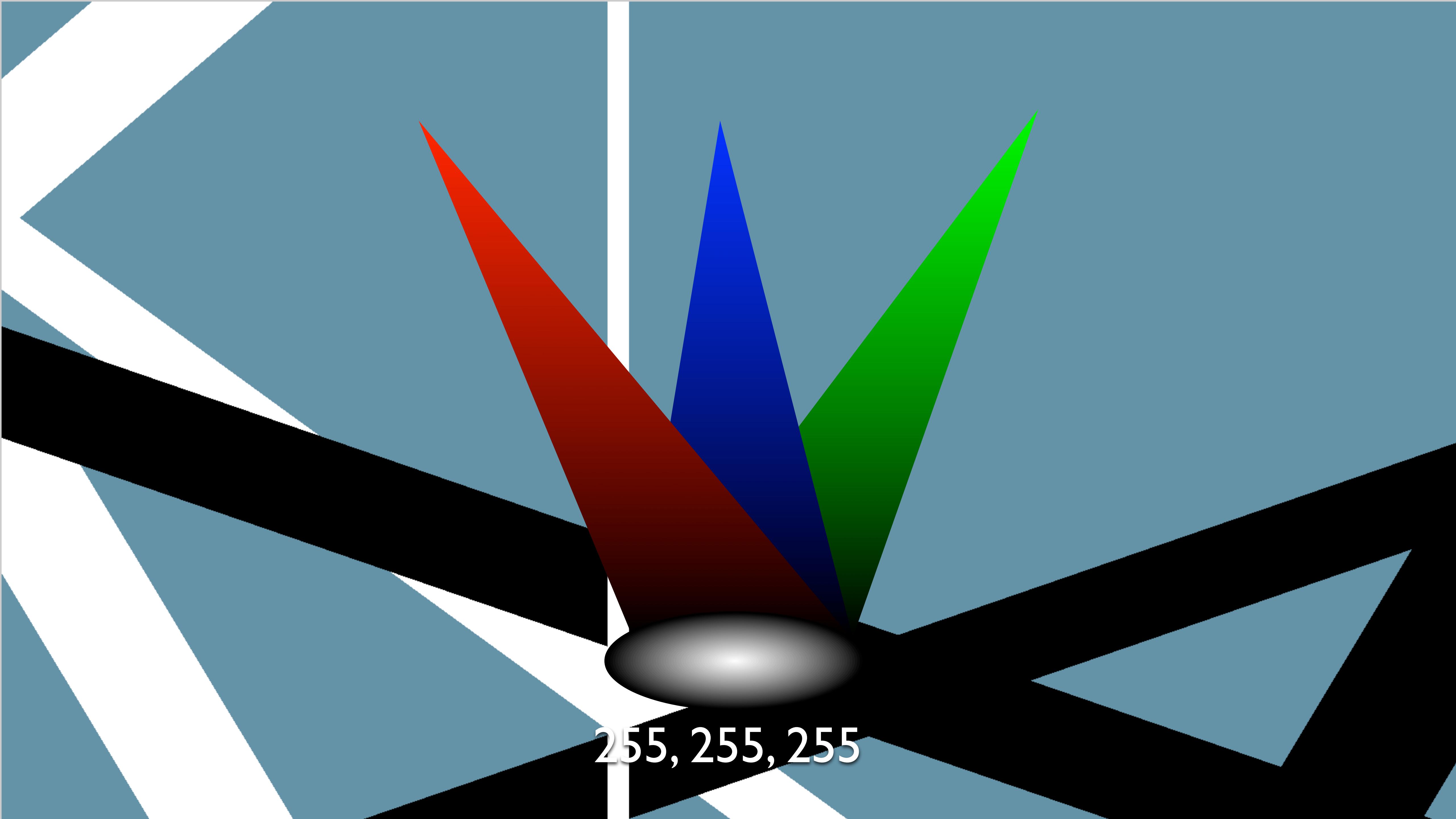
255, 0, 0

G

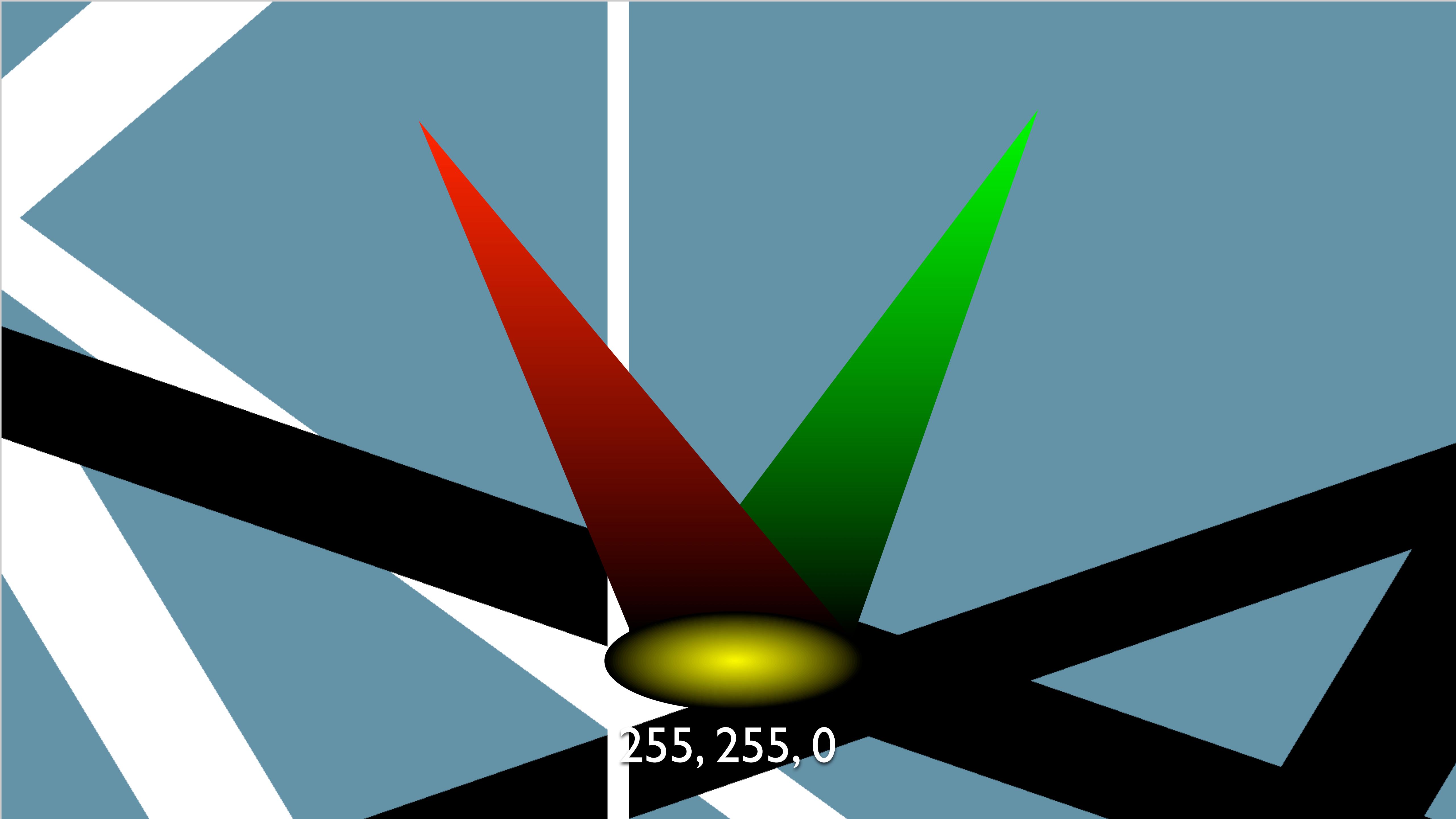
0, 255, 0

B

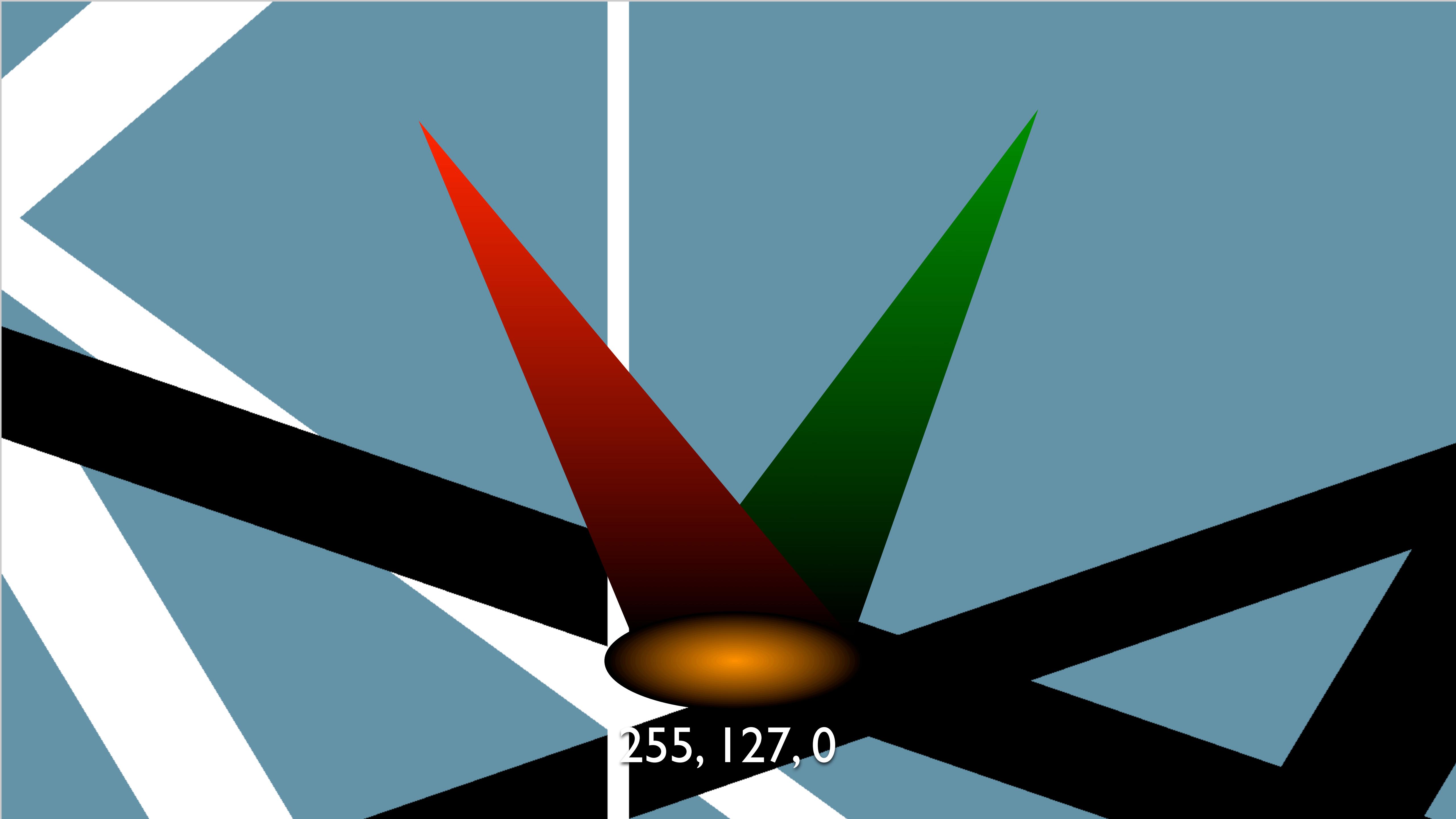
0, 0, 255



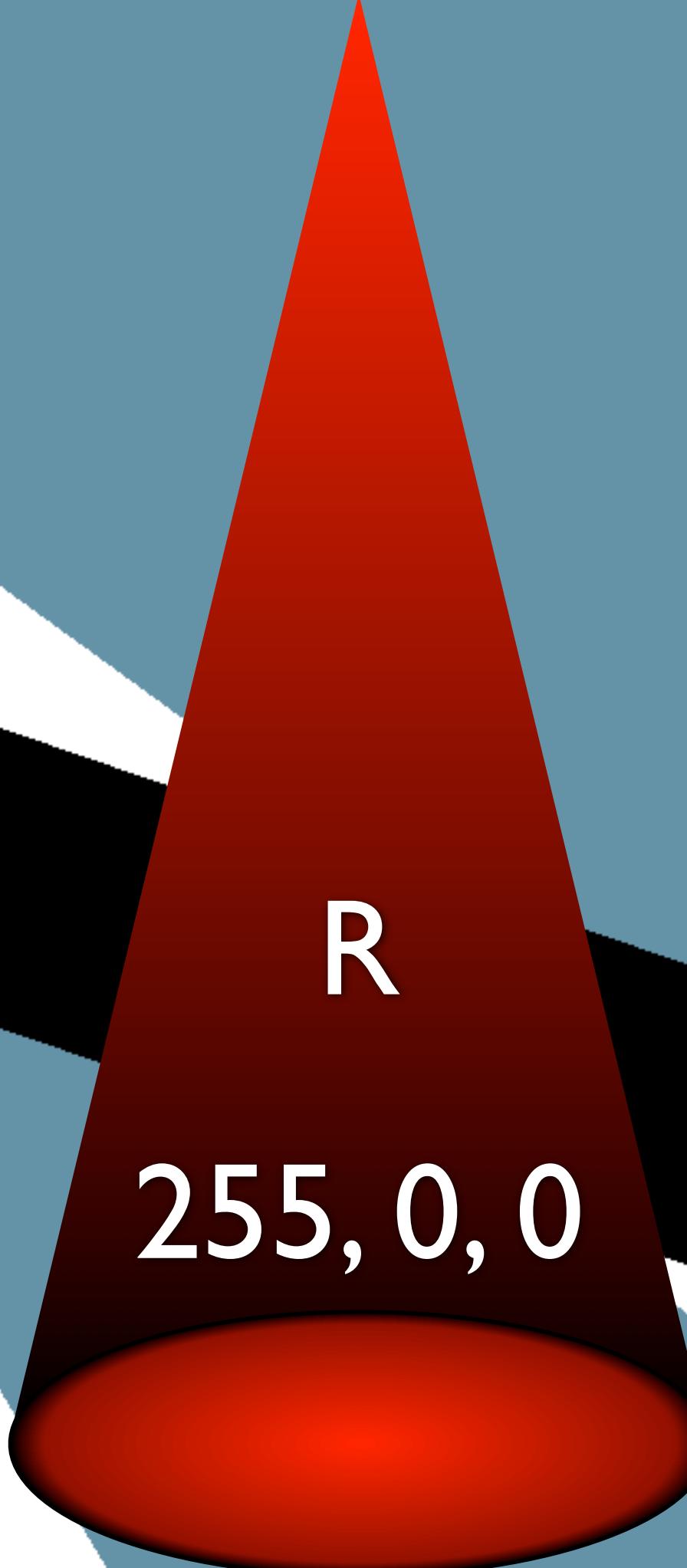
255, 255, 255



255, 255, 0



255, 127, 0



R

255, 0, 0

R

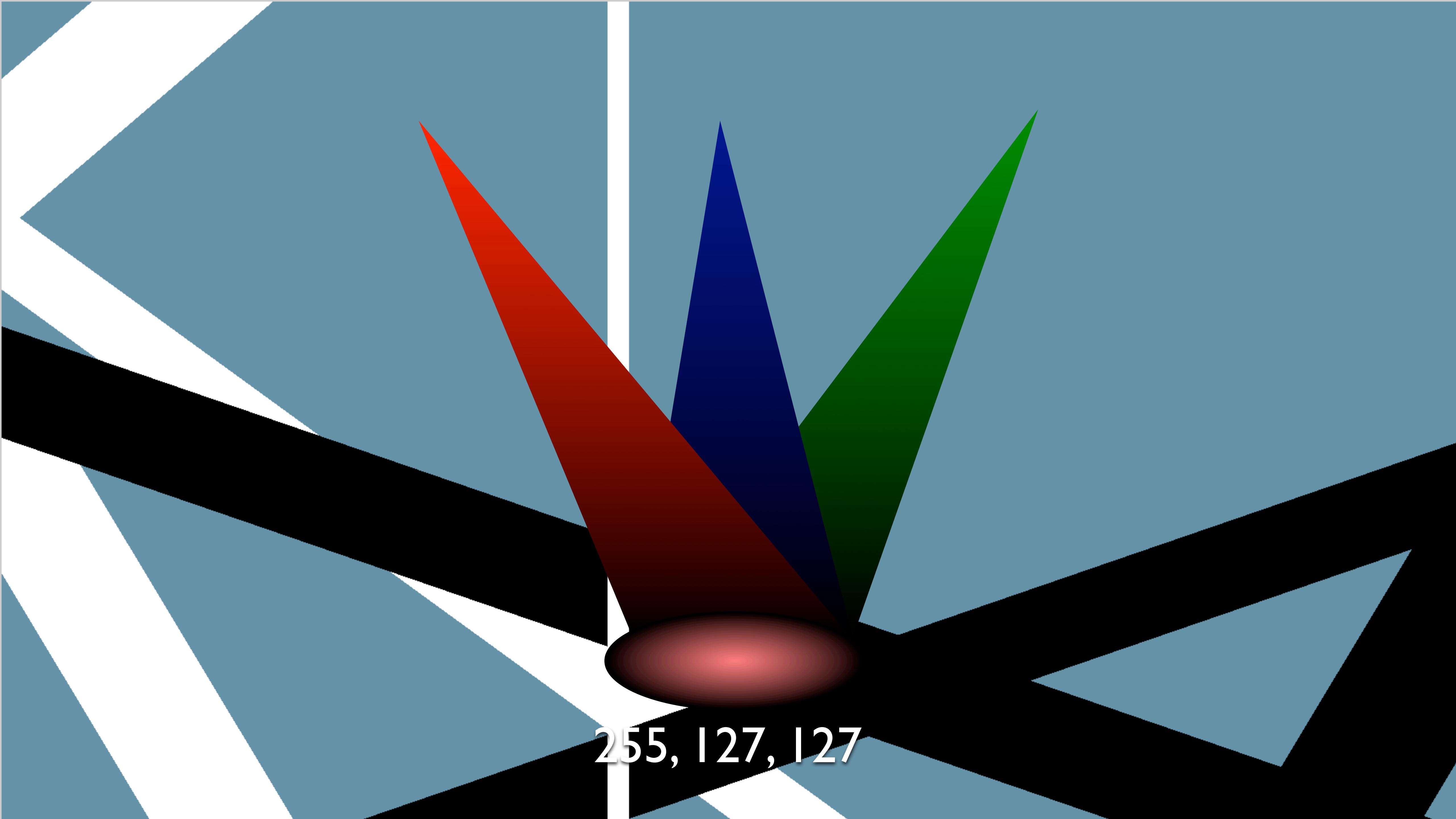
255, 0, 0

R

127, 0, 0

R

63, 0, 0



255, 127, 127

Hex

#FF0000

RGB

255, 0, 0

#CC3333

204, 51, 51

#A80000

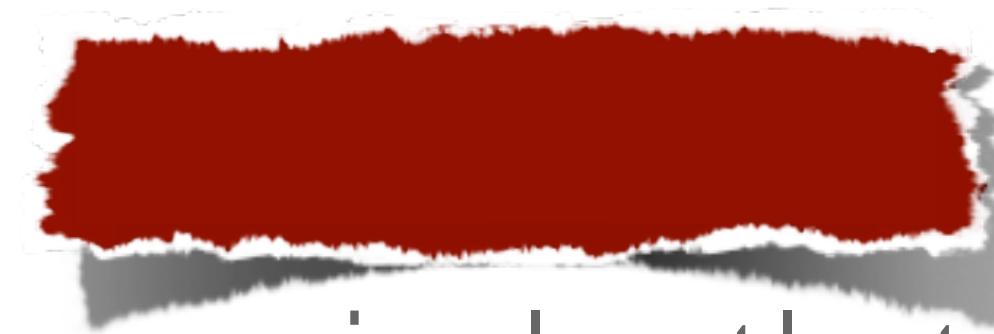
168, 0, 0

#FF7575

255, 117, 117

# Color, tints and shades

- Pick as base color  
(e.g. `rgb(255, 0, 0)`)
- Decrease value of base color to create shades  
(e.g. `rgb(127, 0, 0)`)
- Increase value of other colors equivalently to create tints  
(e.g. `rgb(255, 127, 127)`)



# Color, tints and shades

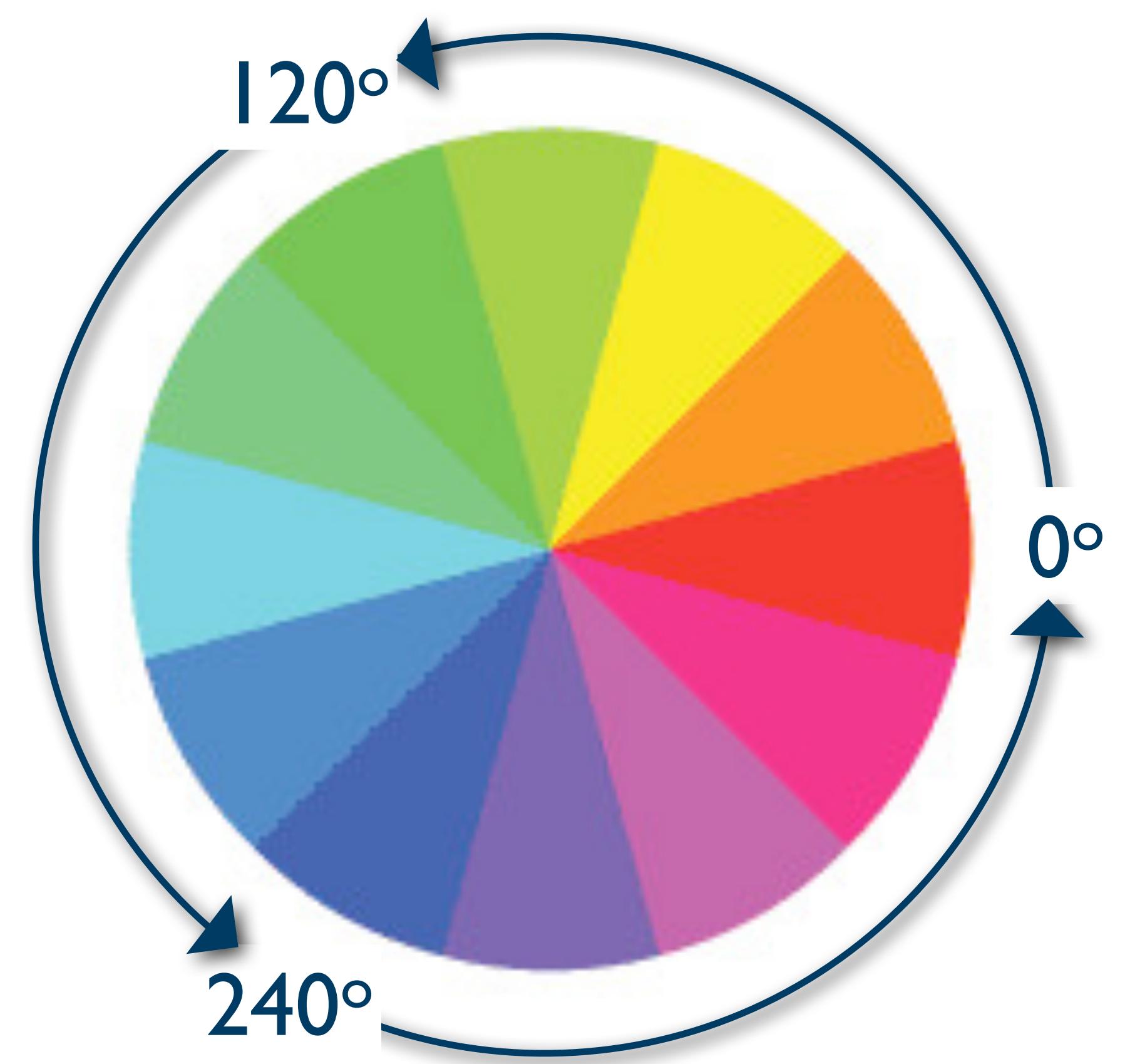
- Not so easy when base color is a combination of RGB (e.g. `rgb(0, 119, 255)`)
- Meet `hsl()`



# HSL

- Hue
  - $0^\circ \leq \text{Hue} \leq 360^\circ$
- Saturation
  - The colorfulness of a color relative to its own brightness
  - $0\% \leq \text{Saturation} \leq 100\%$
- Lightness
  - The light/darkness of a color from white to black
  - $0\% \leq \text{Lightness} \leq 100\%$





Hex	RGB	HSL
#FF0000	255, 0, 0	0, 100, 50
#CC3333	204, 51, 51	0, 60, 50
#A80000	168, 0, 0	0, 100, 33
#FF7575	255, 117, 117	0, 100, 73

The image displays a color palette grid with three columns: Hex, RGB, and HSL. The first column contains four color swatches: black, red, reddish-orange, and orange-red. Arrows point from each swatch to its corresponding Hex, RGB, and HSL values in the adjacent columns.

- Black:** Hex #000000, RGB 0, 0, 0, HSL 0, 0, 0.
- Red:** Hex #FF0000, RGB 255, 0, 0, HSL 0, 100, 50.
- Reddish-Orange:** Hex #CC3333, RGB 204, 51, 51, HSL 0, 60, 50.
- Orange-Red:** Hex #A80000, RGB 168, 0, 0, HSL 0, 100, 33.
- Orange:** Hex #FF7575, RGB 255, 117, 117, HSL 0, 100, 73.

# Color, tints and shades

- Pick as base color  
(e.g. `hsl(0, 100%, 50%)`)
- Change saturation to move to grey  
(e.g. `hsl(0, 60%, 50%)`)
- Change lightness to lighten or darken the color  
(e.g. `hsl(0, 100%, 73%)` or `hsl(0, 100%, 33%)`)



hsl(0, 100%, 50%)

hsl(0, 60%, 50%)

hsl(0, 100%, 73%)

hsl(0, 100%, 33%)

hsl(212, 100%, 50%)

hsl(212, 60%, 50%)

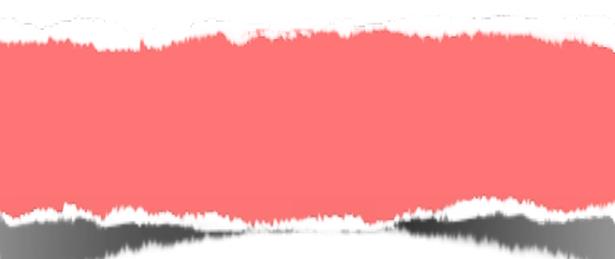
hsl(212, 100%, 73%)

hsl(212, 100%, 33%)

Sass

```
$h: 0;  
$s: 100%;  
$l: 50%;  
$base-color: hsl($h, $s, $l);
```

```
.base-color {  
  background: $base-color;  
}  
.variant-1 {  
  background: scale-color($base-color, $saturation: -40%);  
}  
.variant-2 {  
  background: scale-color($base-color, $lightness: 23%);  
}  
.variant-3 {  
  background: scale-color($base-color, $lightness: -17%);  
}
```



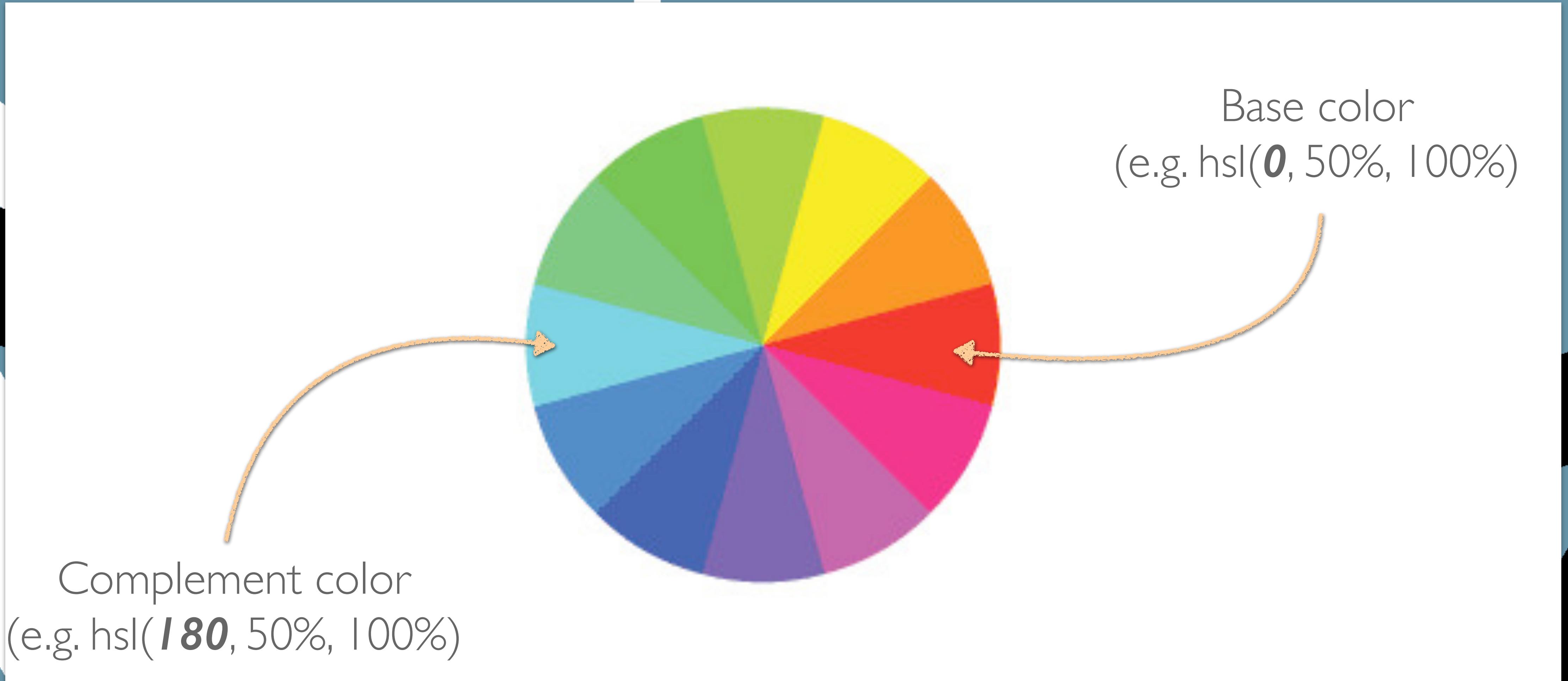
Sass

```
$h: 212;  
$s: 100%;  
$l: 50%;  
$base-color: hsl($h, $s, $l);
```

```
.base-color {  
  background: $base-color;  
}  
.variant-1 {  
  background: scale-color($base-color, $saturation: -40%);  
}  
.variant-2 {  
  background: scale-color($base-color, $lightness: 23%);  
}  
.variant-3 {  
  background: scale-color($base-color, $lightness: -17%);  
}
```



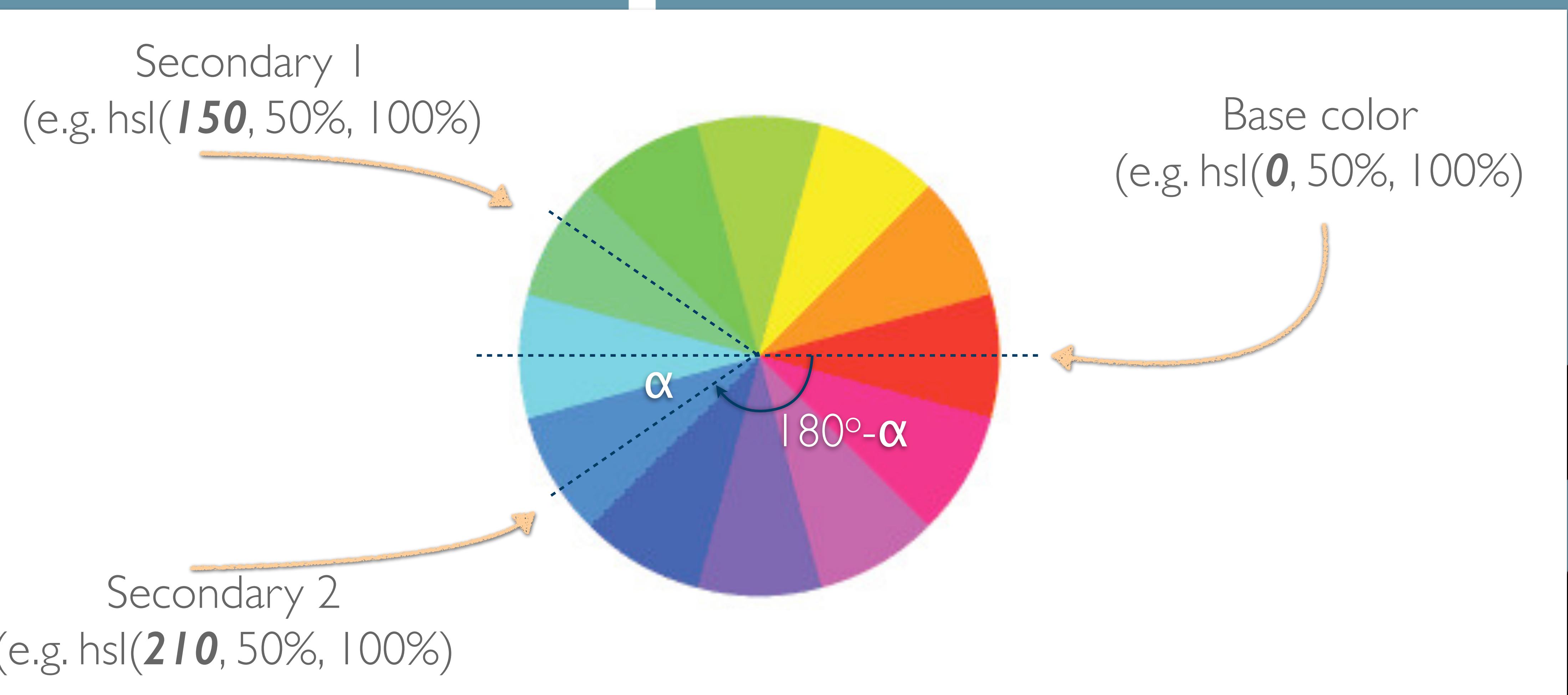
# Complementary



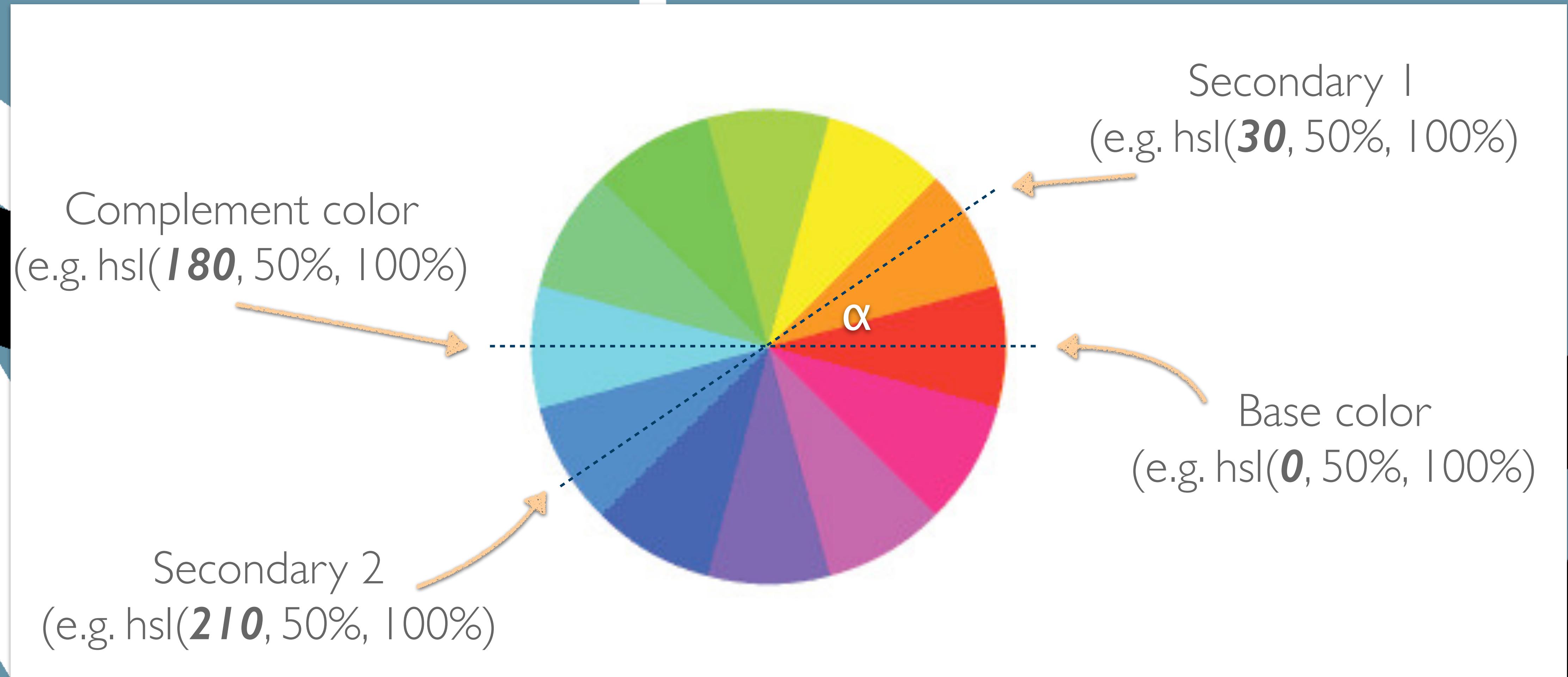
Sass

```
$h: 0;  
$s: 100%;  
$l: 50%;  
$base-color: hsl($h, $s, $l);  
$compl-color: complement($base-color);  
  
.compl-0 {  
  background: $compl-color;  
}  
.compl-1 {  
  background: scale-color($compl-color, $saturation: -40%);  
}  
.compl-2 {  
  ...  
}
```

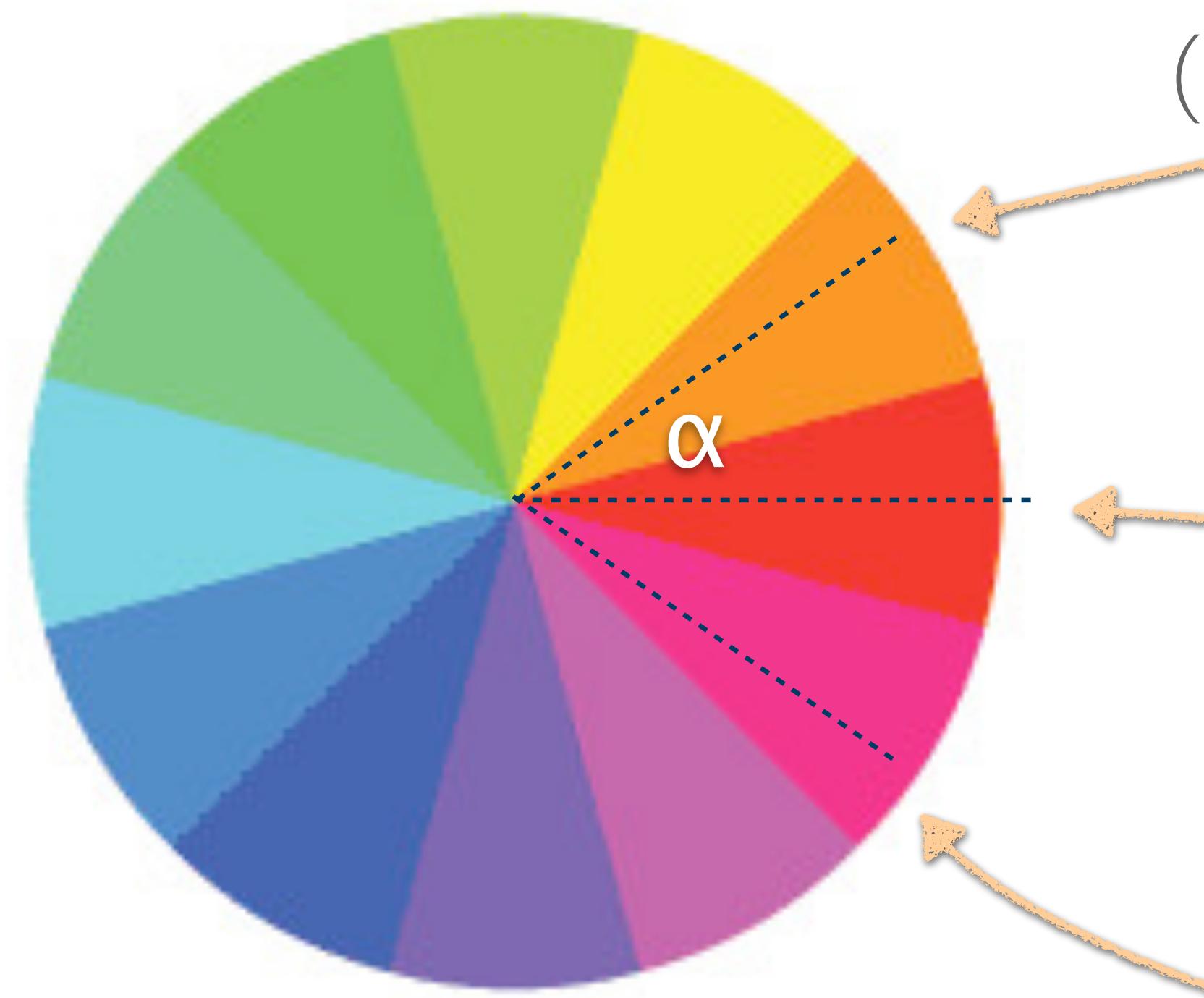
# Triad



# Tetrad



# Analogic

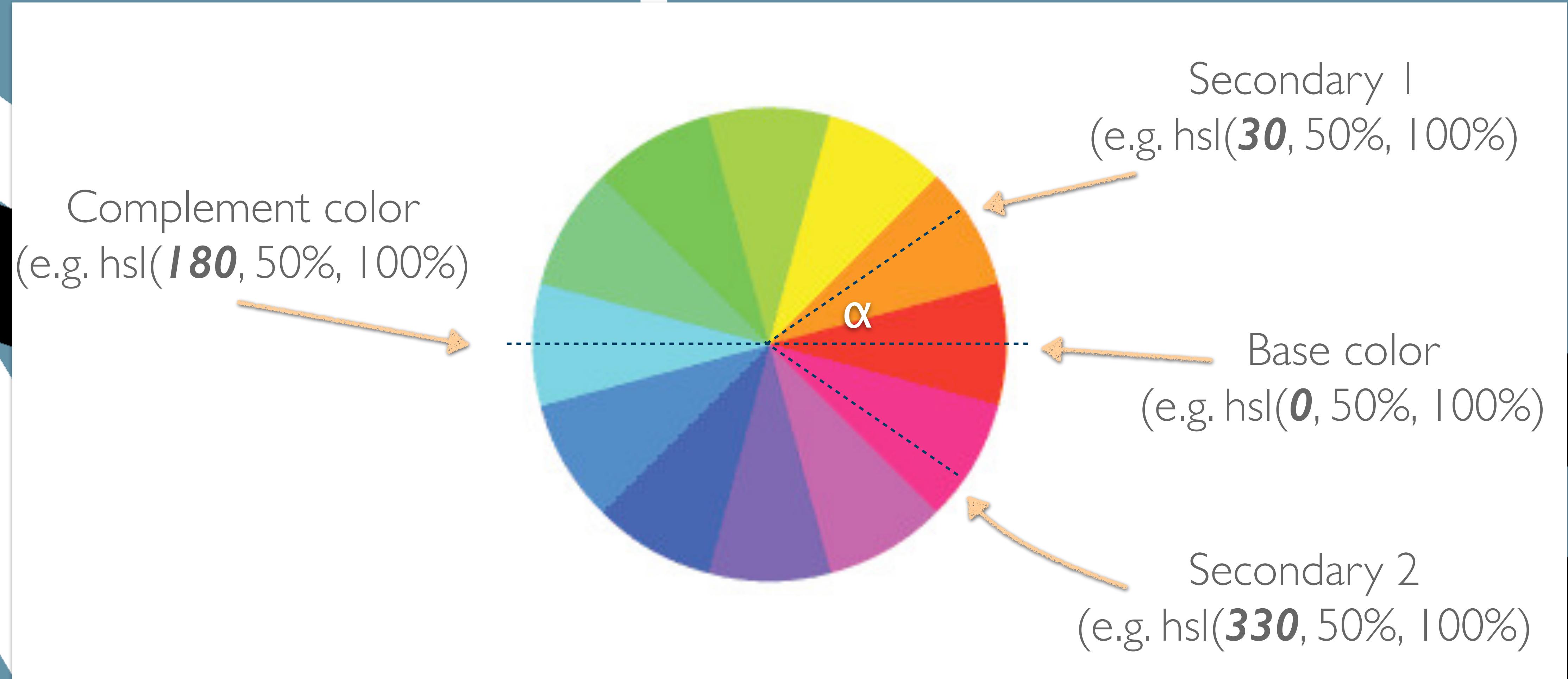


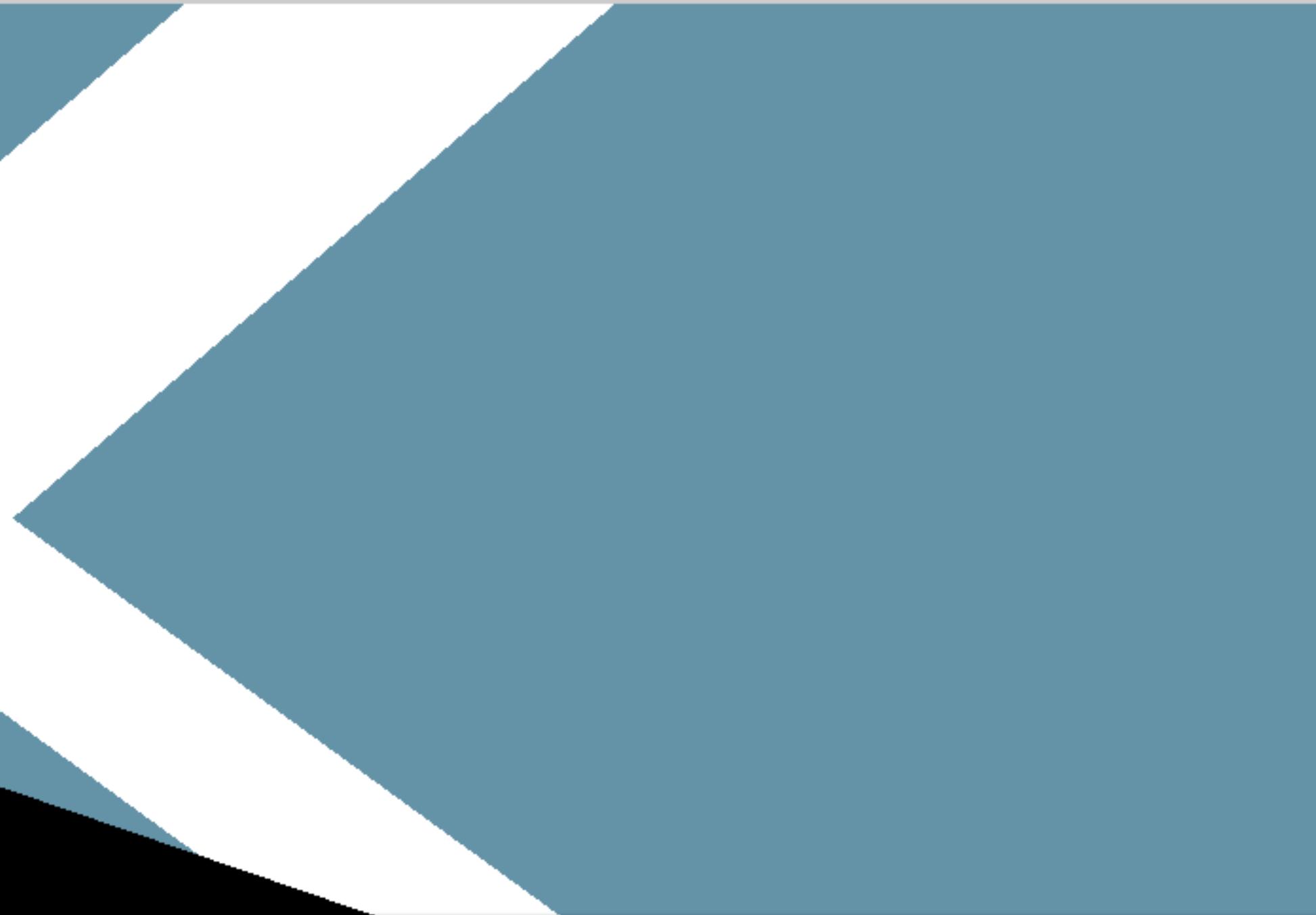
Secondary 1  
(e.g. hsl(**30**, 50%, 100%))

Base color  
(e.g. hsl(**0**, 50%, 100%))

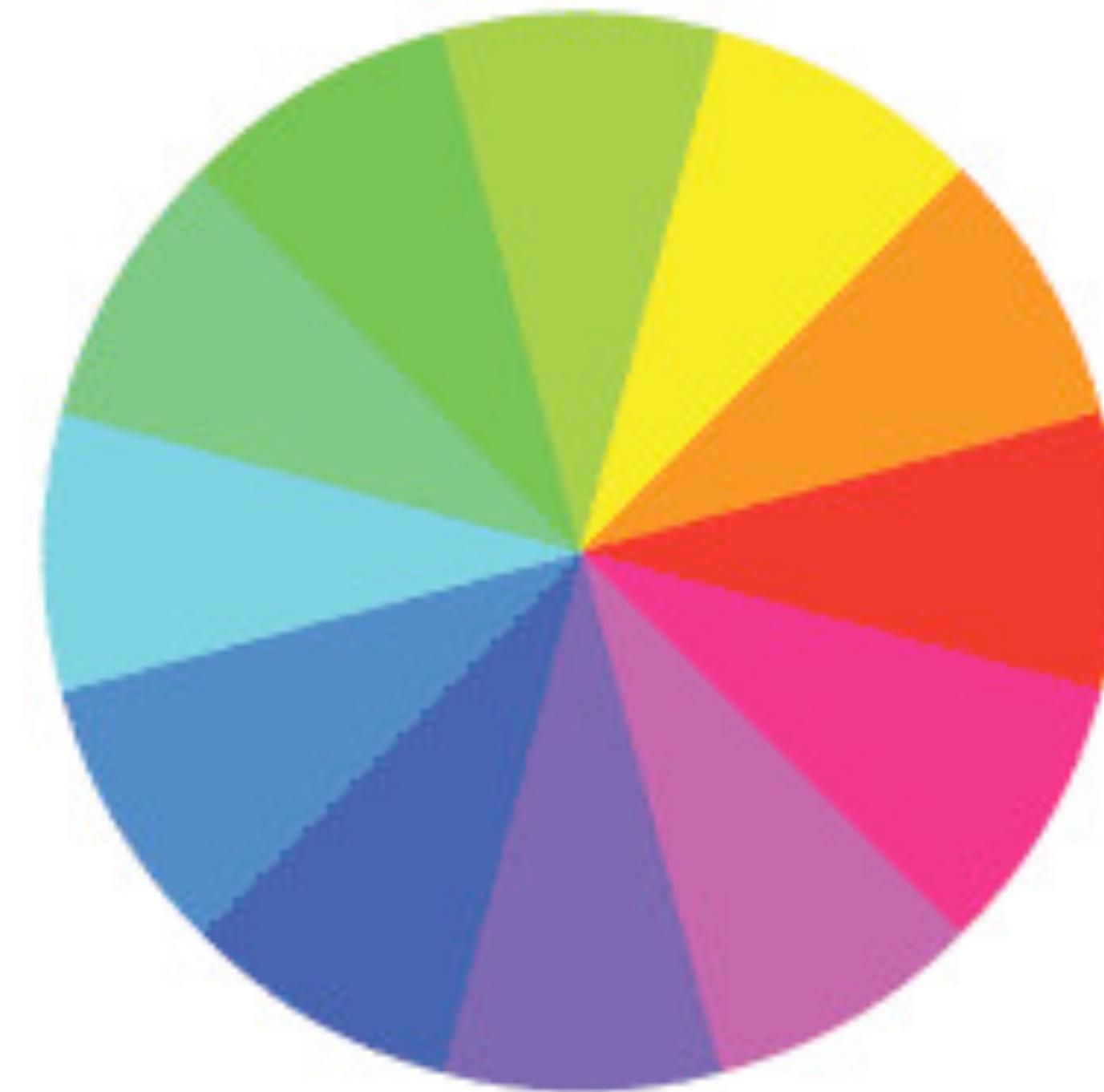
Secondary 2  
(e.g. hsl(**330**, 50%, 100%))

# Accented Analogic





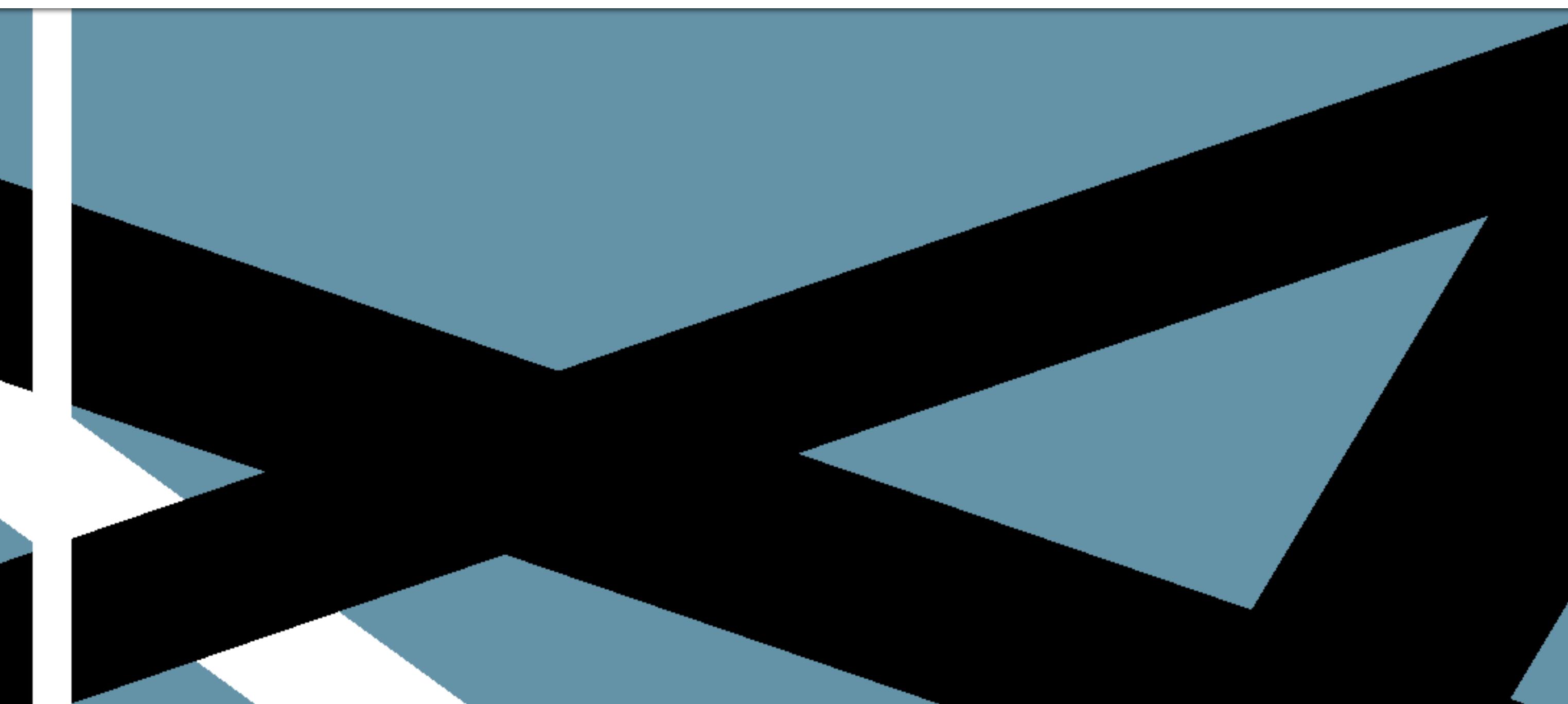
Demo



RGB



RYB



Demo

 README.md

---

# Sass-color-schemes

---

This [Compass](#) extension makes it easy to use color schemes in your web pages by providing a collection of colors based on one (base-) color which is supplemented with additional colors to make the best visual impression.

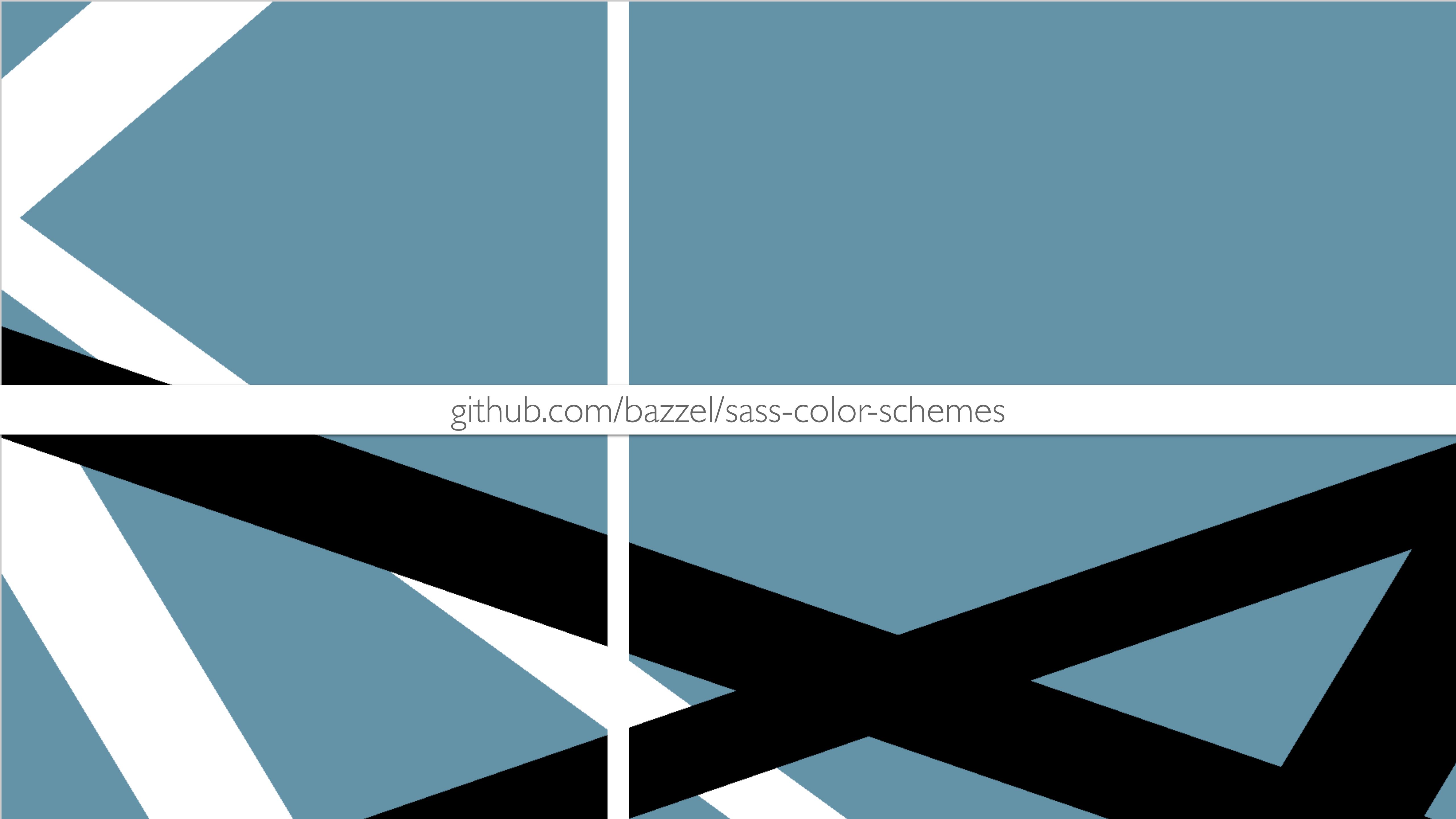
## Installation

---

Add this line to your application's Gemfile:

```
gem 'sass-color-schemes'
```

And then execute:

The background features a complex arrangement of overlapping geometric shapes in shades of blue, black, and white. A large, light blue diamond shape is positioned in the upper left quadrant. Below it, a black triangle overlaps the bottom right corner. In the lower right quadrant, there is a large black triangle pointing upwards, with a light blue rectangle nested within its base. The overall composition is abstract and modern.

[github.com/bazzel/sass-color-schemes](https://github.com/bazzel/sass-color-schemes)



Thank you

