

# Converting Colors

Decimal(6196470)

Have a look what the booklet for  
Decimal(6196470) contains.

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# **Color**

**Decimal(6196470)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5E8CF6
RGB	94, 140, 246
RGB Percent	37%, 55%, 96%
CMY	0.6314, 0.4510, 0.0353
CMYK	0.62, 0.43, 0.00, 0.04
HSL	222°, 89%, 67%
HSV	222°, 62%, 96%
XYZ	30.6287, 27.7897, 90.9384
YIQ	138.3300, -61.4420, 23.2140

# Conversions

## Conversions Part 2

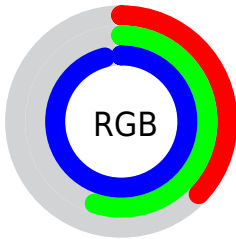
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	94, 129, 246
Decimal	6196470
CIE Lab	59.70, 16.51, -57.83
CIE LCh	60, 60.143, 285.932
Yxy	27.7897, 0.2051, 0.1861
Android (android.graphics.Color)	4284386550 (0xFF5E8CF6)
YUV	138.3300, 53.0813, -38.8774
Hunter-Lab	52.7159, 11.4583, -65.3780

# Details

The Decimal color **6196470** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **16173150**, and the grayscale version is **9079434**.

A 20% lighter version of the original color is **10273279**, and **23485** is the 20% darker color. If you saturate the color by 10%, you get **4553718**, and if you desaturate by 10%, it is **7839222**.

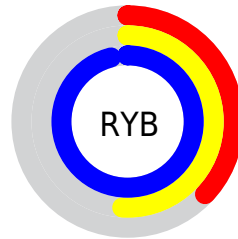
# Distribution



Red (37%)

Green (55%)

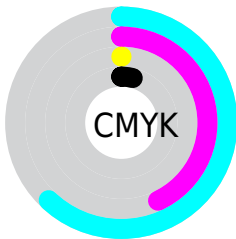
Blue (96%)



Red (37%)

Yellow (51%)

Blue (96%)

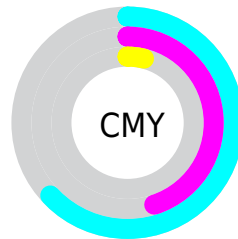


Cyan (62%)

Magenta (43%)

Yellow (0%)

Black (4%)



Cyan (63%)

Magenta (45%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6196470 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 6196470 by changing the saturation by 10% instead.



■ 6196470

■ 6196470

16777215

■ 3896281

■ 10273279

■ 23485

■ 12246527

■ 17569

■ 14219775

■ 11911

■ 16252927

■ 7021

■ 84

■ 1596

■ 549

■ 269

■ 6196470

■ 6196470

■ 4553718

■ 7839222

■ 2976502

■ 9416438

■ 1333750

■ 11059190

■ 19190

■ 12636662

■ 14279414

■ 15922166

■ 16777206

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



40438



6196470



11957722

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



6196470



14839621



42868

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



6196470



16173150

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



5415233



6196470



12551200

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



6196470



15752822



9475611



43435

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



6196470



14182076



9475611



42594



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



6196470



13622783



6223558



6450048



0



8421504



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



6196470



4357119



8019702



7238266



14522



4667



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



16146060



16728699



14349918



8023666



12189752

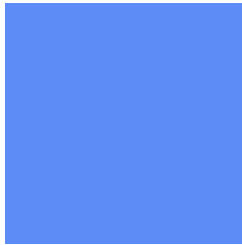


3866642



# Previews

## White Background



This preview shows how the Decimal color 6196470 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Decimal color 6196470 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

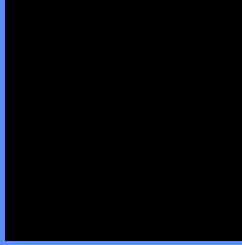
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

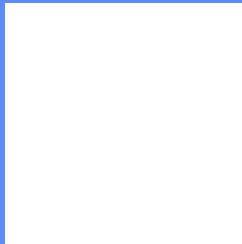
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6196470 Background



This preview shows how black text looks on a background with the Decimal color 6196470.

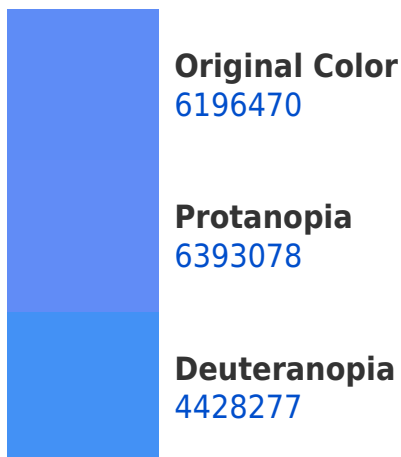



This preview shows how white text looks on a background with the Decimal color 6196470.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

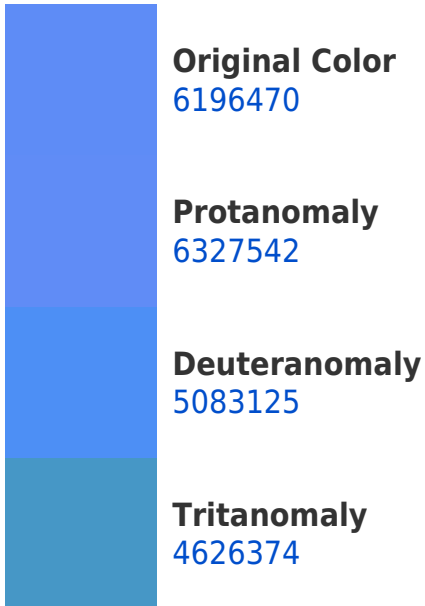
## Dichromacy



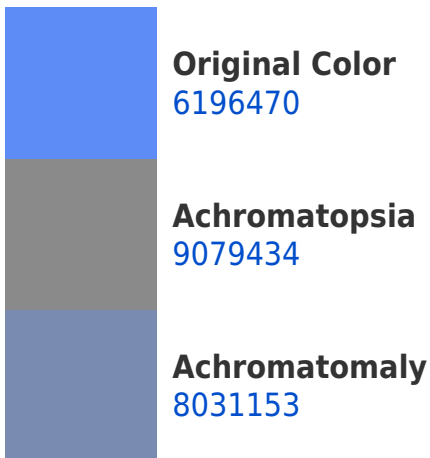


**Tritanopia**  
3710378

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6196470 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #5E8CF6 looks like.

```
.text, #text, p{  
    color:#5E8CF6  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #5E8CF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E8CF6  
}
```

## Border

The CSS property to change the border of an element to Decimal 6196470 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#5E8CF6 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#5E8CF6 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #5E8CF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E8CF6; -webkit-box-shadow:4px 4px  
4px 4px #5E8CF6; box-shadow:4px 4px 4px  
4px #5E8CF6 }
```

# Background

The CSS property to change the background color of an element to Decimal 6196470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E8CF6 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#5E8CF6 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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