

Converting Colors

Decimal(6198270)

Have a look what the booklet for
Decimal(6198270) contains.

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Color

Decimal(6198270)

Conversions

Conversions Part 1

Format	Color
Hex	5E93FE
RGB	94, 147, 254
RGB Percent	37%, 58%, 100%
CMY	0.6314, 0.4235, 0.0039
CMYK	0.63, 0.42, 0.00, 0.00
HSL	220°, 99%, 68%
HSV	220°, 63%, 100%
XYZ	32.9392, 30.4029, 97.8982
YIQ	143.3510, -65.9350, 22.0410

Conversions

Conversions Part 2

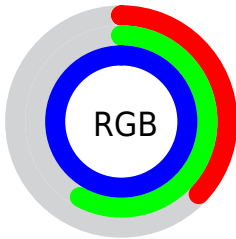
Format	Color
R _Y B	94, 134, 254
Decimal	6198270
CIE Lab	62.00, 15.00, -58.55
CIE LCh	62, 60.441, 284.367
Yxy	30.4029, 0.2043, 0.1886
Android (android.graphics.Color)	4284388350 (0xFF5E93FE)
YUV	143.3510, 54.5500, -43.2808
Hunter-Lab	55.1388, 10.1407, -66.6714

Details

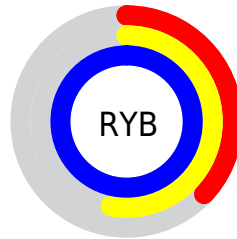
The Decimal color **6198270** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **16697694**, and the grayscale version is **9408399**.

A 20% lighter version of the original color is **10340863**, and **25029** is the 20% darker color. If you saturate the color by 10%, you get **4555518**, and if you desaturate by 10%, it is **7841022**.

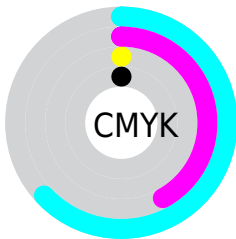
Distribution



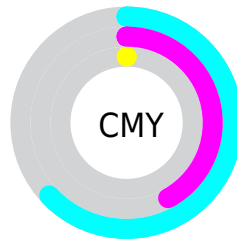
- Red (37%)
- Green (58%)
- Blue (100%)



- Red (37%)
- Yellow (53%)
- Blue (100%)



- Cyan (63%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)



- Cyan (63%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6198270 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 6198270 by changing the saturation by 10% instead.

■ 6198270

■ 6198270

16777215

■ 3832545

■ 10340863

■ 25029

■ 12313855

■ 19113

■ 14352383

■ 13454

■ 16318463

■ 8564

■ 2394

■ 1858

■ 811

■ 277

■ 6198270

■ 6198270

■ 4555518

■ 7841022

■ 2847230

■ 9549310

■ 1204478

■ 11192062

■ 21758

■ 12900350

■ 14543102

■ 16185854

16777214

Harmonies

Analogous

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



42237



6198270



12156131

Triad

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



6198270



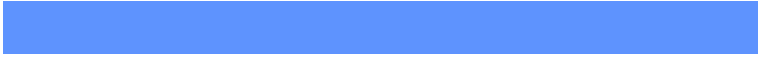
15364941



44663

Complementary

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



6198270



16697694

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.



6072132



6198270



13207847

Square

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



6198270



16213118



10066721



45231

Rectangle

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



6198270



14511557



10066721



44133

Sweetspot

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



6198270



13623295



6225609



6450304



0



8421504

Same Dimension

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



6198270



4029951



7954174



7567232



16319



5440

Inverse Universe

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



16670355



16727421



14941790



8418167



12517439



4194325

Previews

White Background



This preview shows how the Decimal color 6198270 looks on a white background.

Color Contrast Check

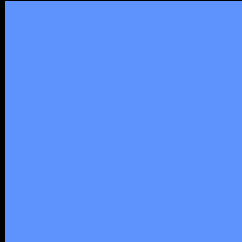
Large Text (above 18pt) WCAG AA × Fail

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 6198270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

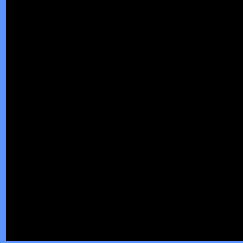
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

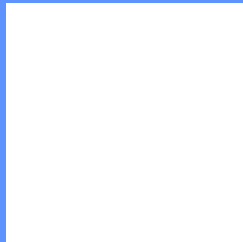
Any Text WCAG AAA ✓ Pass

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

Decimal 6198270 Background



This preview shows how black text looks on a background with the Decimal color 6198270.



This preview shows how white text looks on a background with the Decimal color 6198270.

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



Original Color
6198270

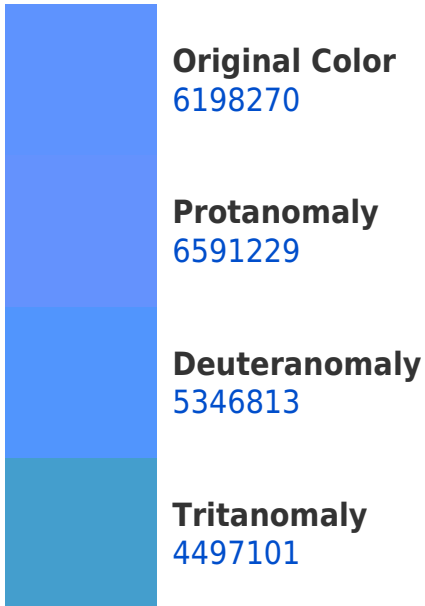
Protanopia
6787581

Deuteranopia
4822781

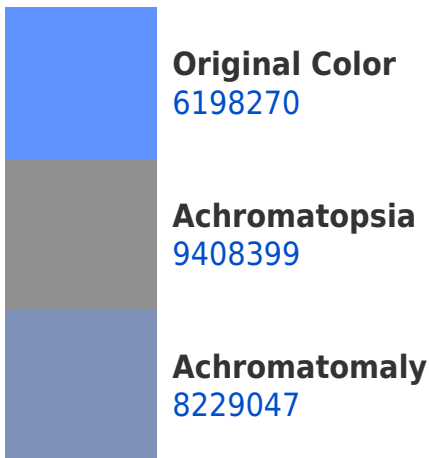


Tritanopia
3515569

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6198270 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 #5E93FE looks like.

```
.text, #text, p{  
    color:#5E93FE  
}
```

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 #5E93FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E93FE
}
```

Border

The CSS property to change the border of an element to Decimal 6198270 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
#5E93FE }
```

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

```
.border{ border-color:#5E93FE }
```

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

Here you see how a box with a 4 pixel #5E93FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E93FE; -webkit-box-shadow:4px 4px  
4px 4px #5E93FE; box-shadow:4px 4px 4px  
4px #5E93FE }
```

Background

The CSS property to change the background color of an element to Decimal 6198270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E93FE }
```

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

```
.background{ background-color:#5E93FE }
```

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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