

Converting Colors

Hex(5967CF)

Have a look what the booklet for
Hex(5967CF) contains.

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Color

Hex(5967CF)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 5967CF |
| RGB | 89, 103, 207 |
| RGB Percent | 35%, 40%, 81% |
| CMY | 0.6510, 0.5961, 0.1882 |
| CMYK | 0.57, 0.50, 0.00, 0.19 |
| HSL | 233°, 55%, 58% |
| HSV | 233°, 57%, 81% |
| XYZ | 20.2326, 16.3293, 61.1170 |
| YIQ | 110.6700, -41.7280, 29.3760 |

Conversions

Conversions Part 2

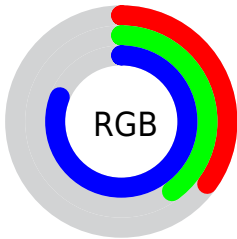
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 89, 102, 207 |
| Decimal | 5859279 |
| CIE Lab | 47.40, 25.25, -55.66 |
| CIE LCh | 47, 61.123, 294.402 |
| Yxy | 16.3293, 0.2071, 0.1672 |
| Android (android.graphics.Color) | 4284049359 (0xFF5967CF) |
| YUV | 110.6700, 47.4907, -19.0046 |
| Hunter-Lab | 40.4096, 18.6559, -61.3858 |

Details

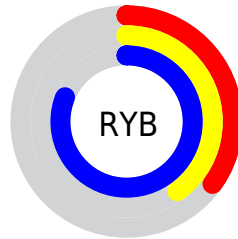
The Hex color **5967CF** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted azure. A complement of this color would be **CFC159**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **939AFF**, and **0E3998** is the 20% darker color. If you saturate the color by 10%, you get **4455CF**, and if you desaturate by 10%, it is **6E79CF**.

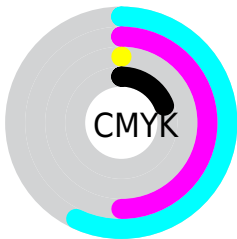
Distribution



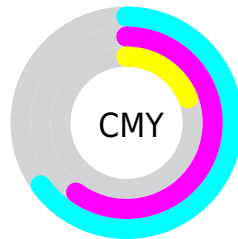
- Red (35%)
- Green (40%)
- Blue (81%)



- Red (35%)
- Yellow (40%)
- Blue (81%)



- Cyan (57%)
- Magenta (50%)
- Yellow (0%)
- Black (19%)



- Cyan (65%)
- Magenta (60%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5967CF 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 Hex color 5967CF by changing the saturation by 10% instead.

■ 5967CF

■ 5967CF

FFFFFF

■ 3A4FB3

■ 939AFF

■ 0E3998

■ B0B5FF

■ 00247D

■ CED0FF

■ 001164

■ ECECFE

■ 00004B

■ 000433

■ 00021D

■ 000000

■ 5967CF

■ 5967CF

■ 4455CF

■ 6E79CF

■ 3043CF

■ 828BCF

■ 1B30CF

■ 979ECF

■ 061ECF

■ ACB0CF

■ 0019CF

■ C1C2CF

■ D5D4CF

■ EAE7CF

■ FFF9CF

■ FFFF CF

Harmonies

Analogous

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



007AD8



5967CF



A44EAD

Triad

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



5967CF



B55519



008765

Complementary

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



5967CF



CFC159

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.



008330



5967CF



906B00

Square

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



5967CF



C93D49



5F7A00



00879A

Rectangle

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



5967CF



BE3E8D



5F7A00



008653

Sweetspot

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



5967CF



D4D9FF



59CFBF



666980



000000



808080

Same Dimension

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



5967CF



5266FF



8459CF



5E5F69



0014A8



000529

Inverse Universe

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



CF5967



FF5266



A4CF59



695E5F



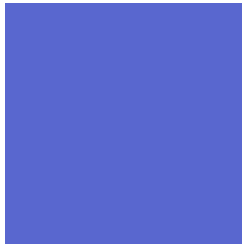
A80014



290005

Previews

White Background



This preview shows how the Hex color 5967CF looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

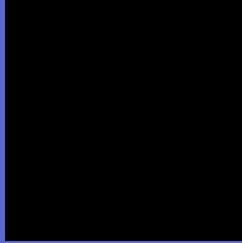
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 5967CF Background



This preview shows how black text looks on a background with the Hex color 5967CF.

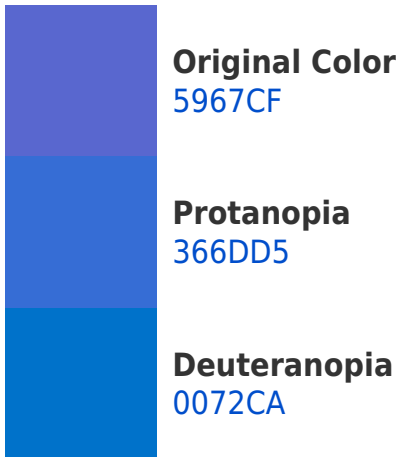


This preview shows how white text looks on a background with the Hex color 5967CF.

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](#).

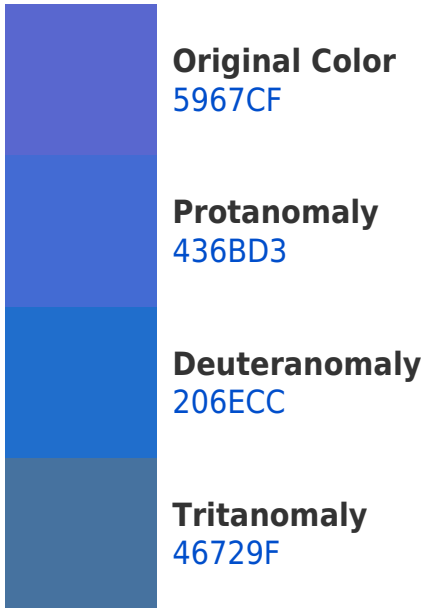
Dichromacy



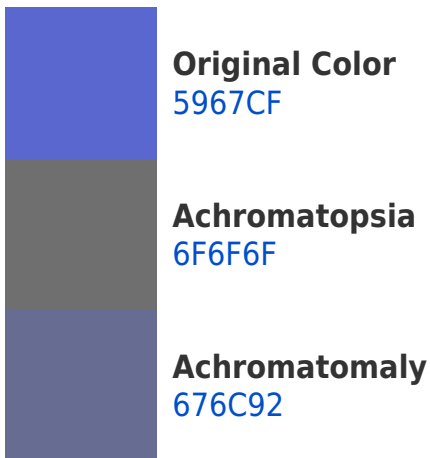


Tritanopia
3B7983

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5967CF 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 #5967CF looks like.

```
.text, #text, p{  
  color:#5967CF  
}
```

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 #5967CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5967CF
}
```

Border

The CSS property to change the border of an element to Hex 5967CF is called "border". The border property can be set on classes, ids or directly on the HTML element.

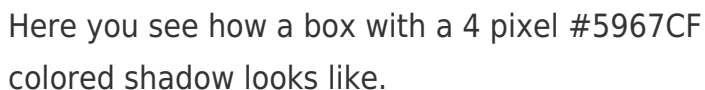
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5967CF }
```

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

```
.border{ border-color:#5967CF }
```

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



Here you see how a box with a 4 pixel #5967CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5967CF; -webkit-box-shadow:4px 4px  
4px 4px #5967CF; box-shadow:4px 4px 4px  
4px #5967CF }
```

Background

The CSS property to change the background color of an element to Hex 5967CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5967CF }
```

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

```
.background{ background-color:#5967CF }
```

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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