

Converting Colors

Hex(4C57CF)

Have a look what the booklet for
Hex(4C57CF) contains.

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Color

Hex(4C57CF)

Conversions

Conversions Part 1

Format	Color
Hex	4C57CF
RGB	76, 87, 207
RGB Percent	30%, 34%, 81%
CMY	0.7020, 0.6588, 0.1882
CMYK	0.63, 0.58, 0.00, 0.19
HSL	235°, 58%, 55%
HSV	235°, 63%, 81%
XYZ	17.6512, 12.8579, 60.5830
YIQ	97.3910, -45.0760, 34.9880

Conversions

Conversions Part 2

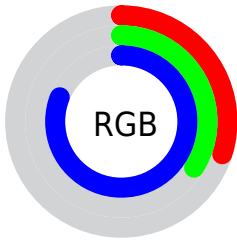
Format	Color
RYB	76, 86, 207
Decimal	5003215
CIELab	42.55, 32.90, -63.55
CIELCh	43, 71.564, 297.371
Yxy	12.8579, 0.1938, 0.1412
Android (android.graphics.Color)	4283193295 (0xFF4C57CF)
YUV	97.3910, 54.0372, -18.7599
Hunter-Lab	35.8579, 25.1159, -75.0717

Details

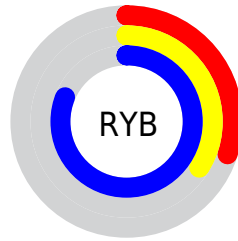
The Hex color **4C57CF** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **CFC44C**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **8989FF**, and **002A98** is the 20% darker color. If you saturate the color by 10%, you get **3744CF**, and if you desaturate by 10%, it is **616ACF**.

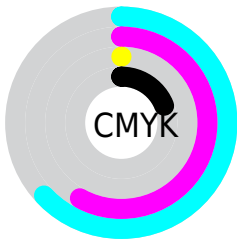
Distribution



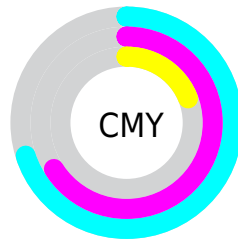
- Red (30%)
- Green (34%)
- Blue (81%)



- Red (30%)
- Yellow (34%)
- Blue (81%)



- Cyan (63%)
- Magenta (58%)
- Yellow (0%)
- Black (19%)



- Cyan (70%)
- Magenta (66%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C57CF 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 4C57CF by changing the saturation by 10% instead.

■ 4C57CF

■ 4C57CF

FFFFFF

■ 2740B3

■ 8989FF

■ 002A98

■ A7A3FF

■ 00167D

■ C5BEFF

■ 000063

■ E3DAFF

■ 00084A

■ FFF6FF

■ 000433

■ 00021D

■ 000000

■ 4C57CF

■ 4C57CF

■ 3744CF

■ 616ACF

■ 2331CF

■ 757DCF

■ 0E1ECF

■ 8A90CF

■ 0011CF

■ 9FA3CF

■ B4B6CF

■ C8C9CF

■ DDDCCF

■ F2EFCF

■ FFFFCF

Harmonies

Analogous

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



006EDC



4C57CF



A432A5

Triad

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



4C57CF



AB4500



007C5D

Complementary

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



4C57CF



CFC44C

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.



00791C



4C57CF



7F6000

Square

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



4C57CF



C51B32



457100



007D9A

Rectangle

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



4C57CF



BF0C80



457100



007C48

Sweetspot

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



4C57CF



CFD3FF



4CCFC2



626580



000000



808080

Same Dimension

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



4C57CF



3D4DFF



804CCF



5E5F69



000EA8



000329

Inverse Universe

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



CF4C57



FF3D4D



9BCF4C



695E5F



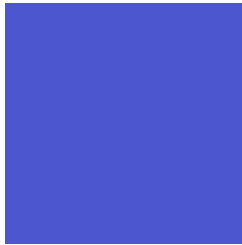
A8000E



290003

Previews

White Background



This preview shows how the Hex color 4C57CF 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

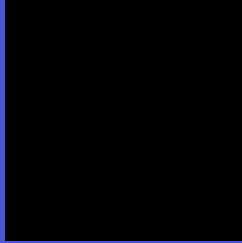
Any Text WCAG AA × Fail

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 4C57CF Background



This preview shows how black text looks on a background with the Hex color 4C57CF.



This preview shows how white text looks on a background with the Hex color 4C57CF.

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](#).

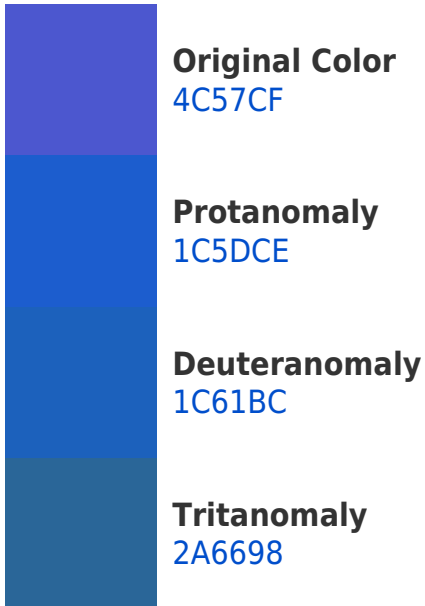
Dichromacy



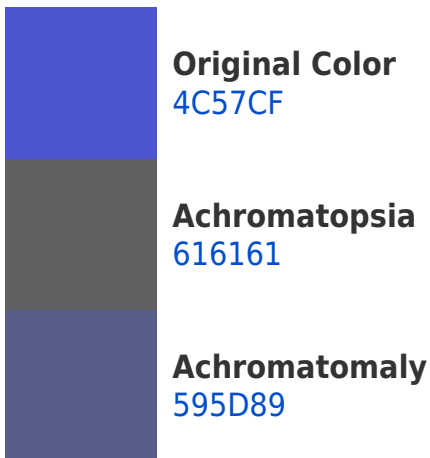


Tritanopia
176F78

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C57CF 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 #4C57CF looks like.

```
.text, #text, p{  
    color:#4C57CF  
}
```

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 #4C57CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C57CF
}
```

Border

The CSS property to change the border of an element to Hex 4C57CF 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
#4C57CF }
```

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

```
.border{ border-color:#4C57CF }
```

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

Here you see how a box with a 4 pixel #4C57CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C57CF; -webkit-box-shadow:4px 4px  
4px 4px #4C57CF; box-shadow:4px 4px 4px  
4px #4C57CF }
```

Background

The CSS property to change the background color of an element to Hex 4C57CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C57CF }
```

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

```
.background{ background-color:#4C57CF }
```

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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