

# Converting Colors

Hex(5472CF)

Have a look what the booklet for  
Hex(5472CF) contains.

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# Color

Hex(5472CF)

# Conversions

## Conversions Part 1

Format	Color
Hex	5472CF
RGB	84, 114, 207
RGB Percent	33%, 45%, 81%
CMY	0.6706, 0.5529, 0.1882
CMYK	0.59, 0.45, 0.00, 0.19
HSL	225°, 56%, 57%
HSV	225°, 59%, 81%
XYZ	20.9360, 18.4244, 61.4843
YIQ	115.6320, -47.7330, 22.5630

# Conversions

## Conversions Part 2

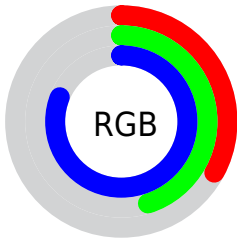
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	84, 108, 207
Decimal	5534415
CIE Lab	50.01, 17.45, -51.50
CIE LCh	50, 54.381, 288.718
Yxy	18.4244, 0.2076, 0.1827
Android (android.graphics.Color)	4283724495 (0xFF5472CF)
YUV	115.6320, 45.0444, -27.7413
Hunter-Lab	42.9237, 11.9466, -54.8810

# Details

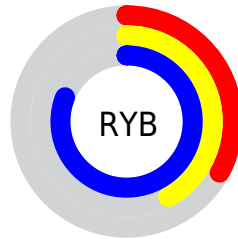
The Hex color **5472CF** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **CFB154**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **8FA5FF**, and **004398** is the 20% darker color. If you saturate the color by 10%, you get **3F62CF**, and if you desaturate by 10%, it is **6982CF**.

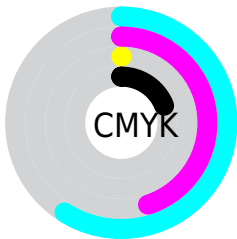
# Distribution



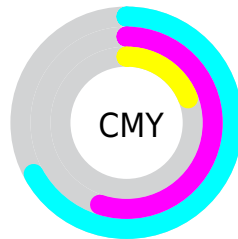
- Red (33%)
- Green (45%)
- Blue (81%)



- Red (33%)
- Yellow (42%)
- Blue (81%)



- Cyan (59%)
- Magenta (45%)
- Yellow (0%)
- Black (19%)



- Cyan (67%)
- Magenta (55%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5472CF 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 5472CF by changing the saturation by 10% instead.



■ 5472CF

■ 5472CF

FFFFFF

■ 345AB3

■ 8FA5FF

■ 004398

■ ACC1FF

■ 002D7E

■ C9DCFF

■ 001A64

■ E7F9FF

■ 00004C

■ 000434

■ 00021E

■ 000000

■ 5472CF

■ 5472CF

■ 3F62CF

■ 6982CF

■ 2B53CF

■ 7D91CF

■ 1643CF

■ 92A1CF

■ 0133CF

■ A7B1CF

■ 0032CF

■ BCC0CF

■ D0D0CF

■ E5E0CF

■ FAEFCF

■ FFFFCF

# Harmonies

## Analogous

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



0081D2



5472CF



9D5EB5

# Triad

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



5472CF



BC5B32



008C63

# Complementary

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



5472CF



CFB154

# 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.



398736



5472CF



9D6E10

# Square

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



5472CF



CA4B5C



727D10



008D93

# Rectangle

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



5472CF



B9519A



727D10



008A54



# Sweetspot

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



5472CF



D1DCFF



54CFB0



636A80



000000



808080



# Same Dimension

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



5472CF



4A76FF



7354CF



5E6169



0029A8



000A29



# Inverse Universe

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



CF5472



FF4A76



B0CF54



695E61



A80029

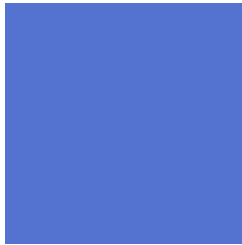


29000A



# Previews

## White Background



This preview shows how the Hex color 5472CF looks on a white background.

## Color Contrast Check

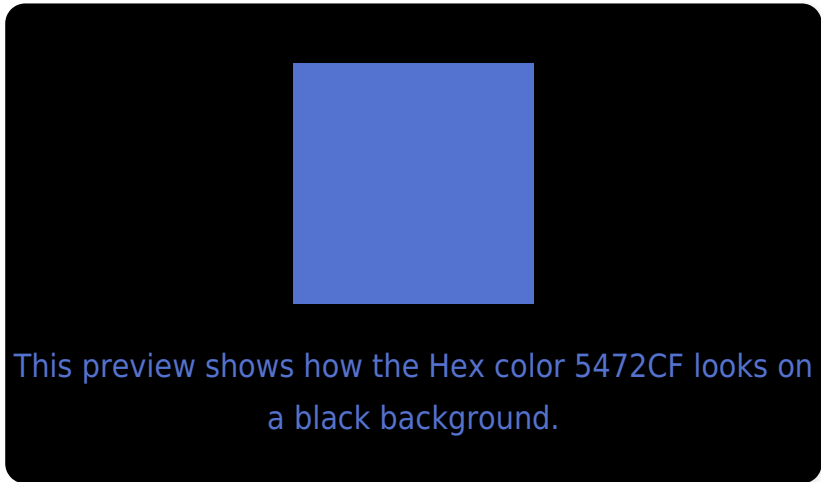
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

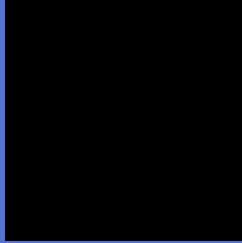
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5472CF Background



This preview shows how black text looks on a background with the Hex color 5472CF.




This preview shows how white text looks on a background with the Hex color 5472CF.

# 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](#).

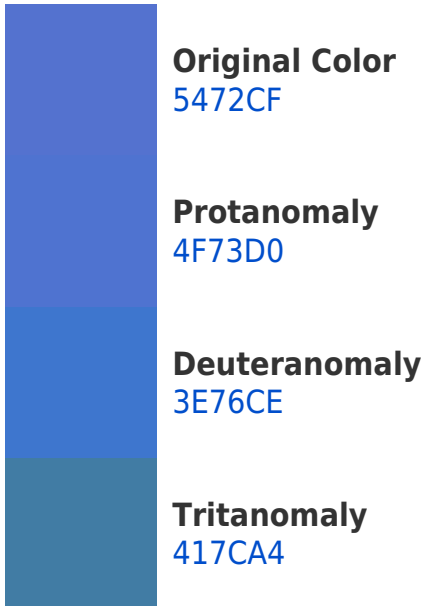
## Dichromacy





**Tritanopia**  
36818C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5472CF 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 #5472CF looks like.

```
.text, #text, p{  
    color:#5472CF  
}
```

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 #5472CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5472CF
}
```

## Border

The CSS property to change the border of an element to Hex 5472CF 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".

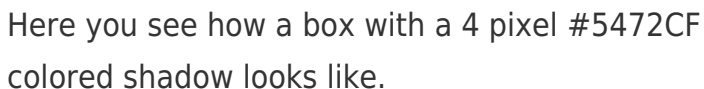
```
.border, #border, table{ border:4px solid
#5472CF }
```

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

```
.border{ border-color:#5472CF }
```

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

Here you see how a box with a 4 pixel #5472CF colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5472CF; -webkit-box-shadow:4px 4px  
4px 4px #5472CF; box-shadow:4px 4px 4px  
4px #5472CF }
```

# Background

The CSS property to change the background color of an element to Hex 5472CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5472CF }
```

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

```
.background{ background-color:#5472CF }
```

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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