

Converting Colors

Hex(5A6CCF)

Have a look what the booklet for
Hex(5A6CCF) contains.

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Color

Hex(5A6CCF)

Conversions

Conversions Part 1

Format	Color
Hex	5A6CCF
RGB	90, 108, 207
RGB Percent	35%, 42%, 81%
CMY	0.6471, 0.5765, 0.1882
CMYK	0.57, 0.48, 0.00, 0.19
HSL	231°, 55%, 58%
HSV	231°, 57%, 81%
XYZ	20.8415, 17.4038, 61.2923
YIQ	113.9040, -42.5070, 26.9730

Conversions

Conversions Part 2

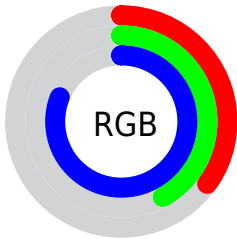
Format	Color
R _Y B	90, 106, 207
Decimal	5926095
CIE Lab	48.76, 22.35, -53.47
CIE LCh	49, 57.957, 292.683
Yxy	17.4038, 0.2094, 0.1748
Android (android.graphics.Color)	4284116175 (0xFF5A6CCF)
YUV	113.9040, 45.8963, -20.9638
Hunter-Lab	41.7178, 16.1692, -57.9070

Details

The Hex color **5A6CCF** 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 **CFBD5A**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **949FFF**, and **123D98** is the 20% darker color. If you saturate the color by 10%, you get **455ACF**, and if you desaturate by 10%, it is **6F7ECF**.

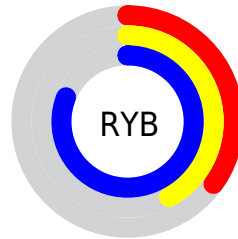
Distribution



Red (35%)

Green (42%)

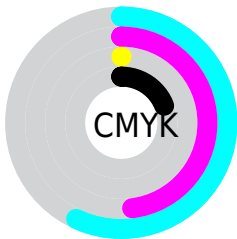
Blue (81%)



Red (35%)

Yellow (42%)

Blue (81%)

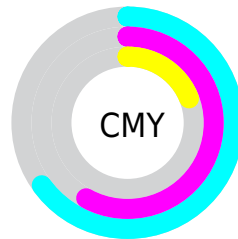


Cyan (57%)

Magenta (48%)

Yellow (0%)

Black (19%)



Cyan (65%)

Magenta (58%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A6CCF 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 5A6CCF by changing the saturation by 10% instead.

■ 5A6CCF

■ 5A6CCF

FFFFFF

■ 3B54B3

■ 949FFF

■ 123D98

■ B1BAFF

■ 00287D

■ CED6FF

■ 001564

■ ECF2FF

■ 00004B

■ 000434

■ 00021E

■ 000000

■ 5A6CCF

■ 5A6CCF

■ 455ACF

■ 6F7ECF

■ 3149CF

■ 838FCF

■ 1C37CF

■ 98A1CF

■ 0726CF

■ ADB2CF

■ 0020CF

■ C2C4CF

■ D6D5CF

■ EBE7CF

■ FFF8CF

■ FFFF CF

Harmonies

Analogous

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



007DD6



5A6CCF



A355B0

Triad

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



5A6CCF



B85925



008A66

Complementary

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



5A6CCF



CFBD5A

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.



1F8534



5A6CCF



956D00

Square

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



5A6CCF



CA4551



677C00



008A98

Rectangle

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



5A6CCF



BD4792



677C00



008955

Sweetspot

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



5A6CCF



D4DAFF



5ACFBB



666A80



000000



808080

Same Dimension

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



5A6CCF



526CFF



815ACF



5E6069



001AA8



000629

Inverse Universe

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



CF5A6C



FF526C



A8CF5A



695E60



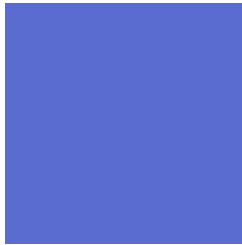
A8001A



290006

Previews

White Background



This preview shows how the Hex color 5A6CCF looks on a white background.

Color Contrast Check

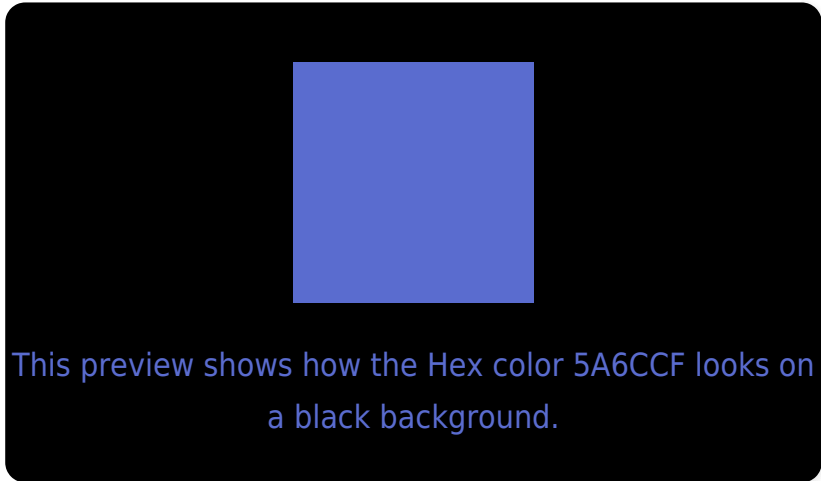
Large Text (above 18pt) WCAG AA ✓ Pass

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 5A6CCF Background



This preview shows how black text looks on a background with the Hex color 5A6CCF.

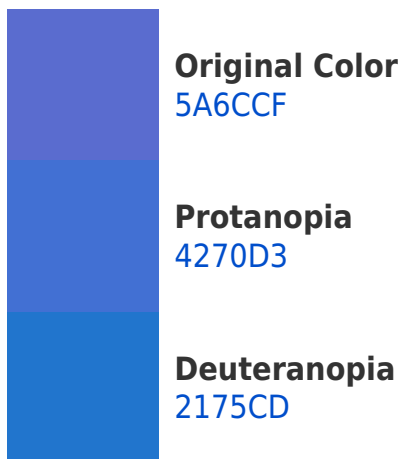


This preview shows how white text looks on a background with the Hex color 5A6CCF.

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](#).

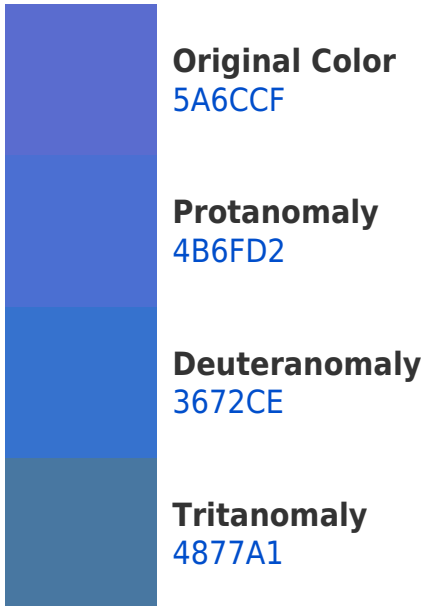
Dichromacy





Tritanopia
3E7D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5A6CCF 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 #5A6CCF looks like.

```
.text, #text, p{  
    color:#5A6CCF  
}
```

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 #5A6CCF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A6CCF
}
```

Border

The CSS property to change the border of an element to Hex 5A6CCF 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".

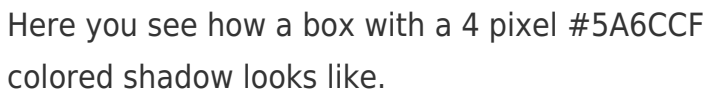
```
.border, #border, table{ border:4px solid
#5A6CCF }
```

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

```
.border{ border-color:#5A6CCF }
```

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

Here you see how a box with a 4 pixel #5A6CCF colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border on the top, bottom, and left sides. The right side of the box is open, showing a blue shadow that extends to the right and slightly downwards.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A6CCF; -webkit-box-shadow:4px 4px  
4px 4px #5A6CCF; box-shadow:4px 4px 4px  
4px #5A6CCF }
```

Background

The CSS property to change the background color of an element to Hex 5A6CCF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A6CCF }
```

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

```
.background{ background-color:#5A6CCF }
```

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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