

Converting Colors

Hex(5A6FBF)

Have a look what the booklet for
Hex(5A6FBF) contains.

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Color

Hex(5A6FBF)

Conversions

Conversions Part 1

Format	Color
Hex	5A6FBF
RGB	90, 111, 191
RGB Percent	35%, 44%, 75%
CMY	0.6471, 0.5647, 0.2510
CMYK	0.53, 0.42, 0.00, 0.25
HSL	228°, 44%, 55%
HSV	228°, 53%, 75%
XYZ	19.3049, 17.3041, 51.6128
YIQ	113.8410, -38.1960, 20.4280

Conversions

Conversions Part 2

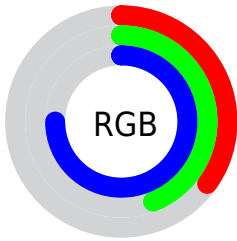
Format	Color
R_{YB}	90, 107, 191
Decimal	5926847
CIE _{Lab}	48.64, 15.28, -44.49
CIE _{LCh}	49, 47.044, 288.959
Yxy	17.3041, 0.2188, 0.1961
Android (android.graphics.Color)	4284116927 (0xFF5A6FBF)
YUV	113.8410, 38.0394, -20.9086
Hunter-Lab	41.5982, 10.0412, -44.4450

Details

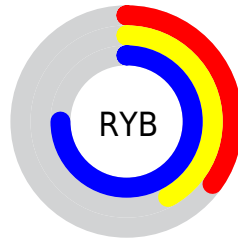
The Hex color **5A6FBF** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **BFAA5A**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **92A2F8**, and **1C4089** is the 20% darker color. If you saturate the color by 10%, you get **4760BF**, and if you desaturate by 10%, it is **6D7EBF**.

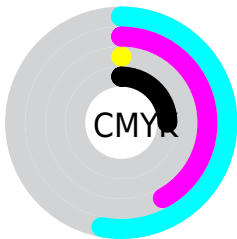
Distribution



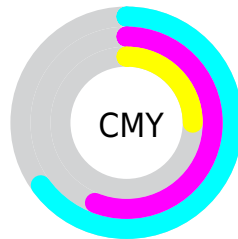
- Red (35%)
- Green (44%)
- Blue (75%)



- Red (35%)
- Yellow (42%)
- Blue (75%)



- Cyan (53%)
- Magenta (42%)
- Yellow (0%)
- Black (25%)



- Cyan (65%)
- Magenta (56%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A6FBF 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 5A6FBF by changing the saturation by 10% instead.

■ 5A6FBF

■ 5A6FBF

FFFFFF

■ 3D57A4

■ 92A2F8

■ 1C4089

■ AEBDFF

■ 002A6F

■ CBD9FF

■ 001756

■ E8F5FF

■ 00003E

■ 000328

■ 000111

■ 000000

■ 5A6FBF

■ 5A6FBF

■ 4760BF

■ 6D7EBF

■ 3451BF

■ 808DBF

■ 2142BF

■ 939CBF

■ 0E32BF

■ A6ACBF

■ 0028BF

■ BABBBF

■ CDCABF

■ E0D9BF

■ F3E8BF

■ FFF7BF

Harmonies

Analogous

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



007CC2



5A6FBF



955EA8

Triad

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



5A6FBF



B05D39



008663

Complementary

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



5A6FBF



BF5A5A

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.



41823D



5A6FBF



956C20

Square

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



5A6FBF



BC505C



717922



00878C

Rectangle

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



5A6FBF



AD5491



717922



008555

Sweetspot

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



5A6FBF



D0D8F7



5ABFA9



656A7D



FCFCFC



7D7D7D

Same Dimension

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



5A6FBF



5C7CF7



775ABF



55575E



00219E



00061F

Inverse Universe

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



BF5A6F



F75C7C



A2BF5A



5E5557



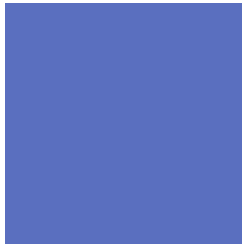
9E0021



1F0006

Previews

White Background



This preview shows how the Hex color 5A6FBF looks on a white background.

Color Contrast Check

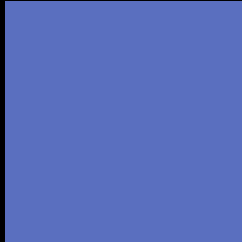
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 5A6FBF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

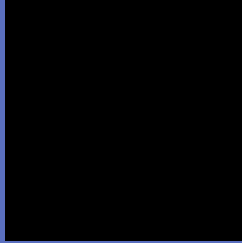
Any Text WCAG AA × Fail

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 5A6FBF Background



This preview shows how black text looks on a background with the Hex color 5A6FBF.



This preview shows how white text looks on a background with the Hex color 5A6FBF.

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
5A6FBF

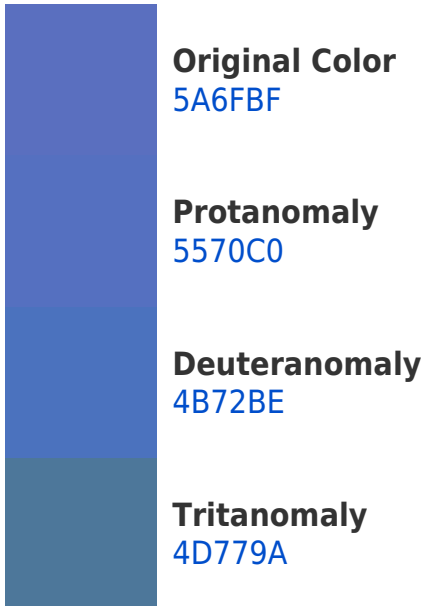
Protanopia
5271C0

Deuteranopia
4374BE



Tritanopia
467C85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5A6FBF 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 #5A6FBF looks like.

```
.text, #text, p{  
    color:#5A6FBF  
}
```

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 #5A6FBF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A6FBF
}
```

Border

The CSS property to change the border of an element to Hex 5A6FBF is called "border". The border property can be set on classes, ids or directly on the HTML element.

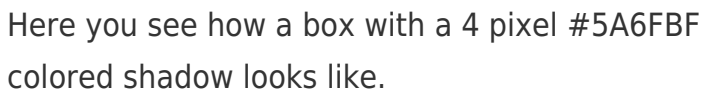
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A6FBF }
```

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

```
.border{ border-color:#5A6FBF }
```

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



Here you see how a box with a 4 pixel #5A6FBF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A6FBF; -webkit-box-shadow:4px 4px  
4px 4px #5A6FBF; box-shadow:4px 4px 4px  
4px #5A6FBF }
```

Background

The CSS property to change the background color of an element to Hex 5A6FBF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A6FBF }
```

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

```
.background{ background-color:#5A6FBF }
```

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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