

Converting Colors

Hex(5A4FCF)

Have a look what the booklet for
Hex(5A4FCF) contains.

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Color

Hex(5A4FCF)

Conversions

Conversions Part 1

Format	Color
Hex	5A4FCF
RGB	90, 79, 207
RGB Percent	35%, 31%, 81%
CMY	0.6471, 0.6902, 0.1882
CMYK	0.57, 0.62, 0.00, 0.19
HSL	245°, 57%, 56%
HSV	245°, 62%, 81%
XYZ	18.2749, 12.2706, 60.4368
YIQ	96.8810, -34.5320, 42.1400

Conversions

Conversions Part 2

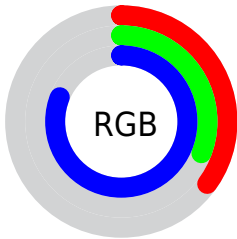
Format	Color
R_{YB}	90, 79, 207
Decimal	5918671
CIE _{Lab}	41.64, 40.12, -64.98
CIE _{LCh}	42, 76.371, 301.695
Yxy	12.2706, 0.2009, 0.1349
Android (android.graphics.Color)	4284108751 (0xFF5A4FCF)
YUV	96.8810, 54.2887, -6.0346
Hunter-Lab	35.0294, 31.8222, -77.7732

Details

The Hex color **5A4FCF** is a dark color, and the websafe version is hex **6666FF**, and the color name is **iris**. The color can be described as dark muted blue. A complement of this color would be **C4CF4F**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **9581FF**, and **0A2198** is the 20% darker color. If you saturate the color by 10%, you get **473ACF**, and if you desaturate by 10%, it is **6D64CF**.

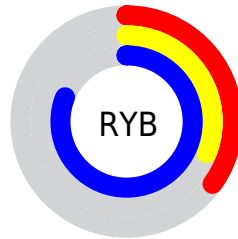
Distribution



Red (35%)

Green (31%)

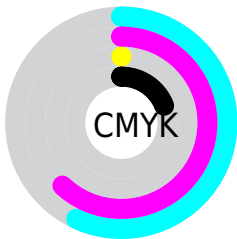
Blue (81%)



Red (35%)

Yellow (31%)

Blue (81%)

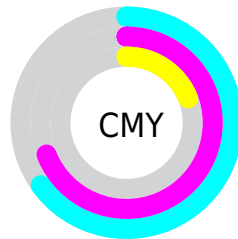


Cyan (57%)

Magenta (62%)

Yellow (0%)

Black (19%)



Cyan (65%)

Magenta (69%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A4FCF 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 5A4FCF by changing the saturation by 10% instead.

■ 5A4FCF

■ 5A4FCF

FFFFFF

■ 3A38B3

■ 9581FF

■ 0A2198

■ B39BFF

■ 000C7D

■ D1B6FF

■ 000063

■ EFD2FF

■ 00064A

■ FFEEFF

■ 000433

■ 00021D

■ 000000

■ 5A4FCF

■ 5A4FCF

■ 473ACF

■ 6D64CF

■ 3426CF

■ 8078CF

■ 2111CF

■ 938DCF

■ 1200CF

■ A6A2CF

■ B9B7CF

■ CCCBCF

■ DEE0CF

■ F1F5CF

■ FFFFCF

Harmonies

Analogous

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



006AE2



5A4FCF



AD1D9F

Triad

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



5A4FCF



A54500



007B64

Complementary

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



5A4FCF



C4CF4F

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.



00781F



5A4FCF



756100

Square

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



5A4FCF



C50E24



327100



007CA3

Rectangle

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



5A4FCF



C50077



327100



007A4E

Sweetspot

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



5A4FCF



D3CFFF



4FC4CF



656280



000000



808080

Same Dimension

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



5A4FCF



5342FF



9A4FCF



5F5E69



0E00A8



040029

Inverse Universe

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



CF4FC4



FF42EF



84CF4F



695E68



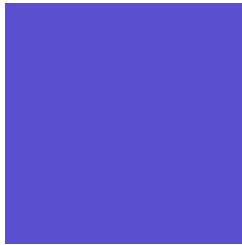
A8009A



290025

Previews

White Background



This preview shows how the Hex color 5A4FCF looks on a white background.

Color Contrast Check

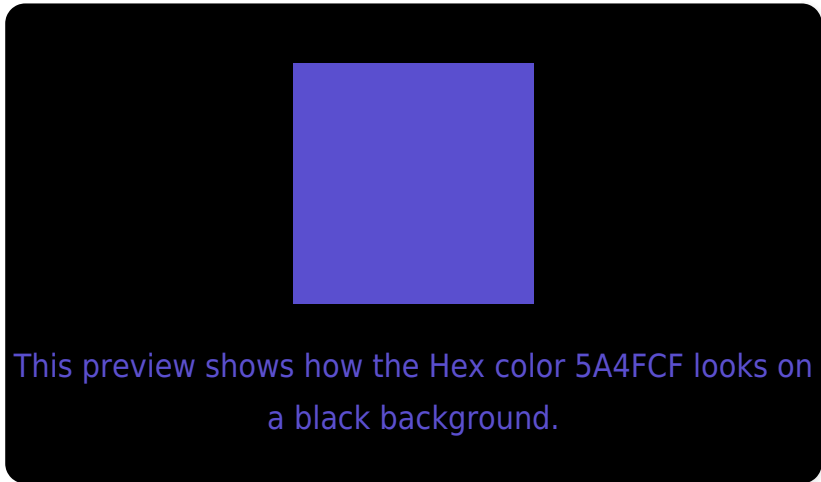
Large Text (above 18pt) WCAG AA ✓ Pass

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

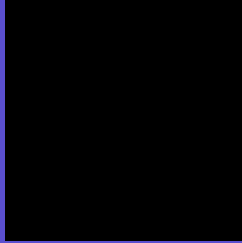
Any Text WCAG AA × Fail

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 5A4FCF Background



This preview shows how black text looks on a background with the Hex color 5A4FCF.



This preview shows how white text looks on a background with the Hex color 5A4FCF.

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
5A4FCF

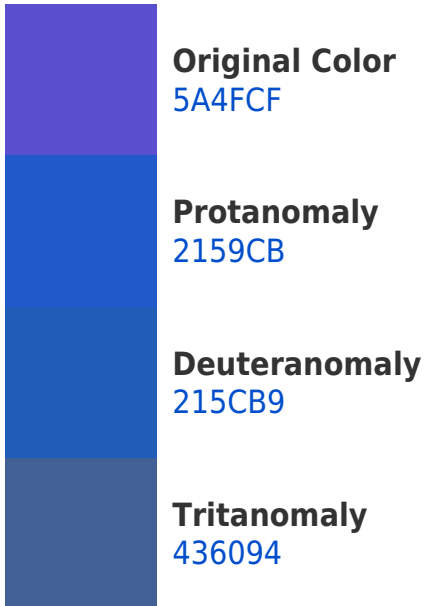
Protanopia
005EC8

Deuteranopia
0064AD



Tritanopia
366A72

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5A4FCF 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 #5A4FCF looks like.

```
.text, #text, p{  
    color:#5A4FCF  
}
```

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 #5A4FCF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A4FCF
}
```

Border

The CSS property to change the border of an element to Hex 5A4FCF is called "border". The border property can be set on classes, ids or directly on the HTML element.

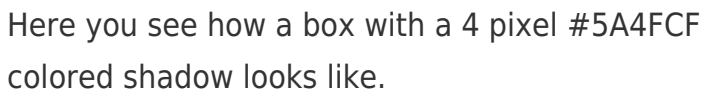
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A4FCF }
```

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

```
.border{ border-color:#5A4FCF }
```

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



Here you see how a box with a 4 pixel #5A4FCF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A4FCF; -webkit-box-shadow:4px 4px  
4px 4px #5A4FCF; box-shadow:4px 4px 4px  
4px #5A4FCF }
```

Background

The CSS property to change the background color of an element to Hex 5A4FCF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A4FCF }
```

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

```
.background{ background-color:#5A4FCF }
```

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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