

Converting Colors

Hex(5A54CB)

Have a look what the booklet for
Hex(5A54CB) contains.

Hex(5A54CB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5A54CB)

Conversions

Conversions Part 1

Format	Color
Hex	5A54CB
RGB	90, 84, 203
RGB Percent	35%, 33%, 80%
CMY	0.6471, 0.6706, 0.2039
CMYK	0.56, 0.59, 0.00, 0.20
HSL	243°, 53%, 56%
HSV	243°, 59%, 80%
XYZ	18.1663, 12.8261, 58.0181
YIQ	99.3600, -34.6230, 38.2810

Conversions

Conversions Part 2

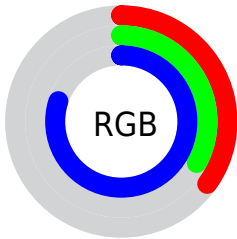
Format	Color
R_{YB}	90, 84, 203
Decimal	5919947
CIE Lab	42.50, 35.86, -61.28
CIE LCh	43, 71.001, 300.334
Yxy	12.8261, 0.2041, 0.1441
Android (android.graphics.Color)	4284110027 (0xFF5A54CB)
YUV	99.3600, 51.0945, -8.2087
Hunter-Lab	35.8136, 27.8696, -70.9806

Details

The Hex color **5A54CB** 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 **C5CB54**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **9586FF**, and **102694** is the 20% darker color. If you saturate the color by 10%, you get **4740CB**, and if you desaturate by 10%, it is **6D68CB**.

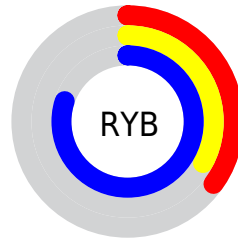
Distribution



Red (35%)

Green (33%)

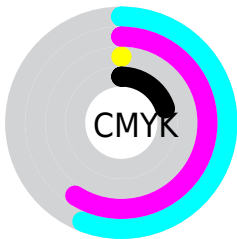
Blue (80%)



Red (35%)

Yellow (33%)

Blue (80%)

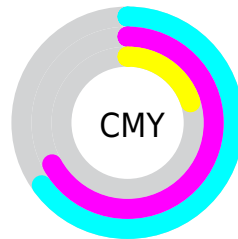


Cyan (56%)

Magenta (59%)

Yellow (0%)

Black (20%)



Cyan (65%)

Magenta (67%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A54CB 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 5A54CB by changing the saturation by 10% instead.

■ 5A54CB

■ 5A54CB

FFFFFF

■ 3B3DAF

■ 9586FF

■ 102694

■ B2A0FF

■ 001279

■ CFBBFF

■ 000060

■ EDD7FF

■ 000547

■ FFF4FF

■ 000430

■ 00011A

■ 000000

■ 5A54CB

■ 5A54CB

■ 4740CB

■ 6D68CB

■ 332BCB

■ 817DCB

■ 2017CB

■ 9491CB

■ 0D03CB

■ A7A5CB

■ 0A00CB

■ BABACB

■ CECECB

■ E1E2CB

■ F4F6CB

■ FFFF CB

Harmonies

Analogous

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



006CDB



5A54CB



A82E9F

Triad

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



5A54CB



A64900



007C63

Complementary

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



5A54CB



C5CB54

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.



007924



5A54CB



7A6200

Square

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



5A54CB



C3212D



3E7100



007D9F

Rectangle

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



5A54CB



C0087A



3E7100



007C4F

Sweetspot

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



5A54CB



D3D1FF



54C5CB



656380



000000



808080

Same Dimension

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



5A54CB



554DFF



9554CB



5C5C66



0800A6



020026

Inverse Universe

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



CB54C5



FF4DF6



8ACB54



665C65



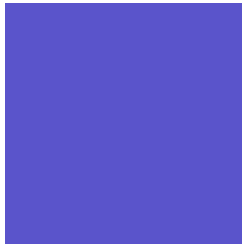
A6009D



260024

Previews

White Background



This preview shows how the Hex color 5A54CB looks on a white background.

Color Contrast Check

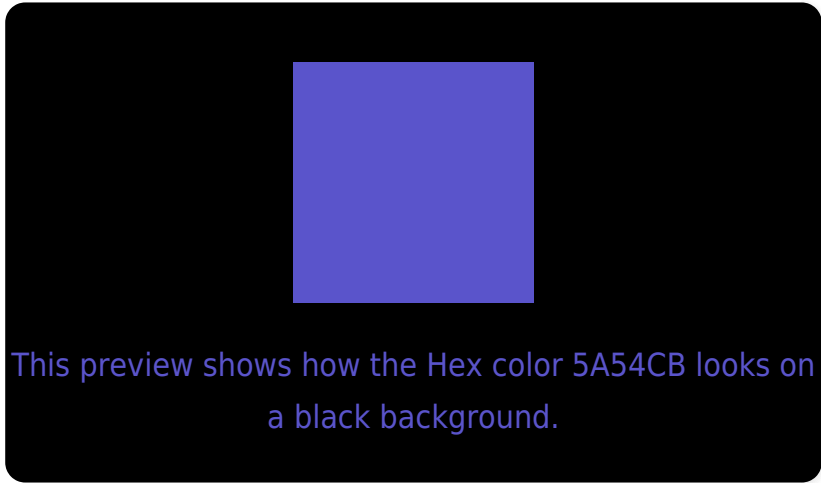
Large Text (above 18pt) WCAG AA ✓ Pass

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

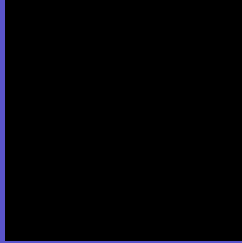
Any Text WCAG AA × Fail

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 5A54CB Background



This preview shows how black text looks on a background with the Hex color 5A54CB.

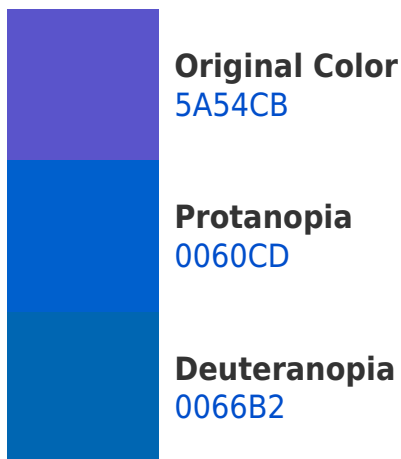



This preview shows how white text looks on a background with the Hex color 5A54CB.

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](#).

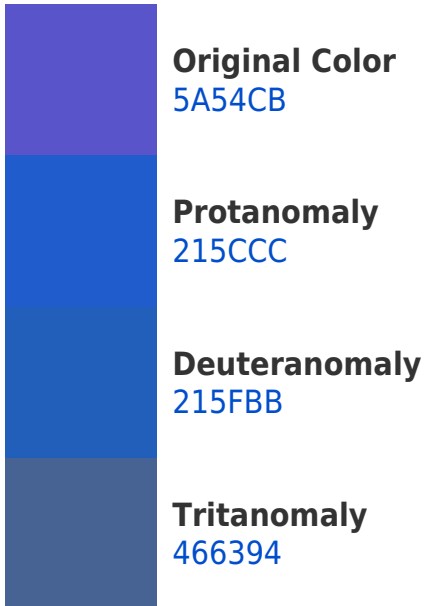
Dichromacy



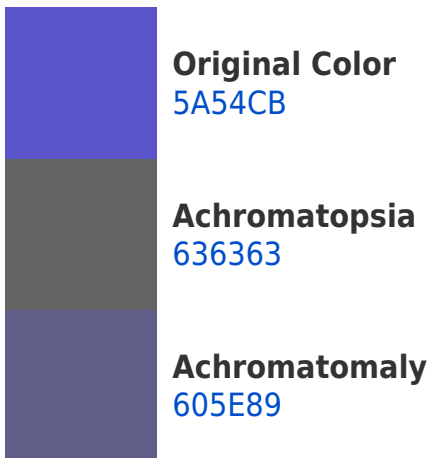


Tritanopia
3A6C74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5A54CB 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 #5A54CB looks like.

```
.text, #text, p{  
    color:#5A54CB  
}
```

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 #5A54CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A54CB
}
```

Border

The CSS property to change the border of an element to Hex 5A54CB 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".

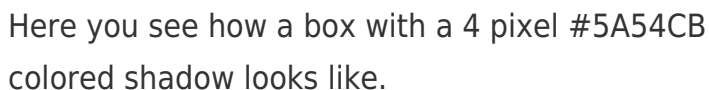
```
.border, #border, table{ border:4px solid
#5A54CB }
```

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

```
.border{ border-color:#5A54CB }
```

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

Here you see how a box with a 4 pixel #5A54CB 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 #5A54CB; -webkit-box-shadow:4px 4px  
4px 4px #5A54CB; box-shadow:4px 4px 4px  
4px #5A54CB }
```

Background

The CSS property to change the background color of an element to Hex 5A54CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A54CB }
```

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

```
.background{ background-color:#5A54CB }
```

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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