

Converting Colors

Hex(5A4DCD)

Have a look what the booklet for
Hex(5A4DCD) contains.

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Color

Hex(5A4DCD)

Conversions

Conversions Part 1

Format	Color
Hex	5A4DCD
RGB	90, 77, 205
RGB Percent	35%, 30%, 80%
CMY	0.6471, 0.6980, 0.1961
CMYK	0.56, 0.62, 0.00, 0.20
HSL	246°, 56%, 55%
HSV	246°, 62%, 80%
XYZ	17.8898, 11.8892, 59.1096
YIQ	95.4790, -33.3400, 42.5640

Conversions

Conversions Part 2

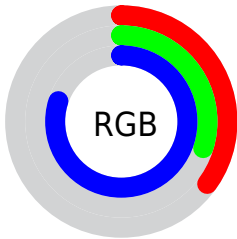
Format	Color
RYB	90, 77, 205
Decimal	5918157
CIELab	41.04, 40.68, -64.81
CIELCh	41, 76.521, 302.119
Yxy	11.8892, 0.2013, 0.1338
Android (android.graphics.Color)	4284108237 (0xFF5A4DCD)
YUV	95.4790, 53.9939, -4.8051
Hunter-Lab	34.4807, 32.2707, -77.5031

Details

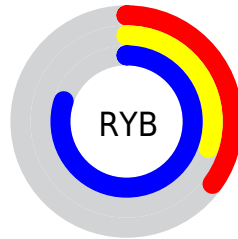
The Hex color **5A4DCD** is a dark color, and the websafe version is hex **6666FF**. The color can be described as dark muted blue. A complement of this color would be **C0CD4D**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **957FFF**, and **0C1F96** is the 20% darker color. If you saturate the color by 10%, you get **4839CD**, and if you desaturate by 10%, it is **6C62CD**.

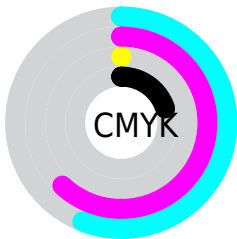
Distribution



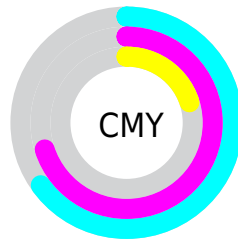
- Red (35%)
- Green (30%)
- Blue (80%)



- Red (35%)
- Yellow (30%)
- Blue (80%)



- Cyan (56%)
- Magenta (62%)
- Yellow (0%)
- Black (20%)



- Cyan (65%)
- Magenta (70%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A4DCD 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 5A4DCD by changing the saturation by 10% instead.

■ 5A4DCD

■ 5A4DCD

FFFFFF

■ 3A36B1

■ 957FFF

■ 0C1F96

■ B399FF

■ 000A7B

■ D0B4FF

■ 000061

■ EED0FF

■ 000748

■ FFECFF

■ 000431

■ 00011B

■ 000000

■ 5A4DCD

■ 5A4DCD

 4839CD

 6C62CD

 3524CD

 7F76CD

 2310CD

 918BCD

 1500CD

 A49FCD

 B6B4CD

 C9C8CD

 DBDDCD

 EDF1CD

 FFFFCD

Harmonies

Analogous

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



0069E1



5A4DCD



AC199D

Triad

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



5A4DCD



A34400



007A64

Complementary

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



5A4DCD



C0CD4D

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.



00761F



5A4DCD



736000

Square

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



5A4DCD



C30B22



2F6F00



007AA3

Rectangle

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



5A4DCD



C40074



2F6F00



00794E

Sweetspot

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



5A4DCD



D3CFFF



4DC0CD



656280



000000



808080

Same Dimension

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



5A4DCD



5340FF



9A4DCD



5D5C66



1100A6



040026

Inverse Universe

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



CD4DC0



FF40EC



80CD4D



665C65



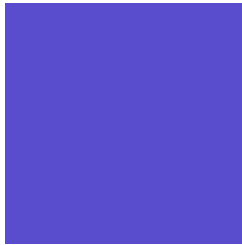
A60095



260022

Previews

White Background



This preview shows how the Hex color 5A4DCD looks on a white background.

Color Contrast Check

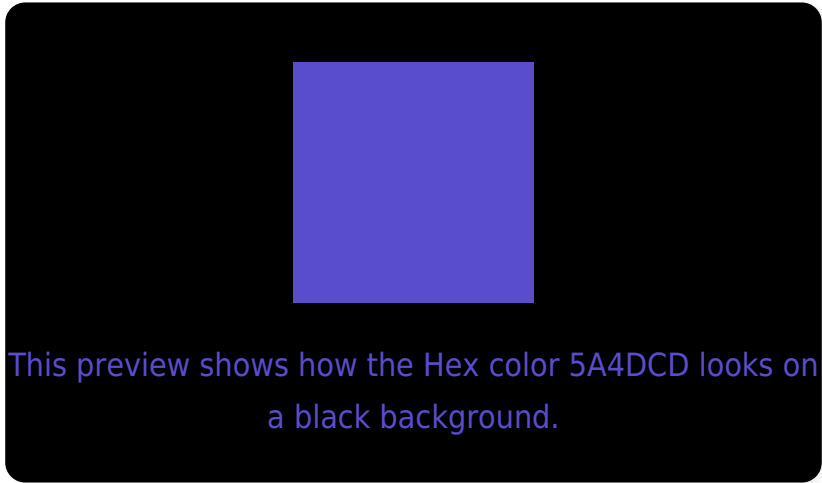
Large Text (above 18pt) WCAG AA ✓ Pass

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

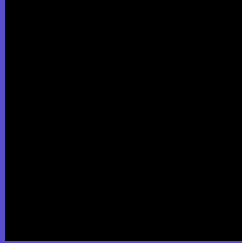
Any Text WCAG AA × Fail

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 5A4DCD Background



This preview shows how black text looks on a background with the Hex color 5A4DCD.

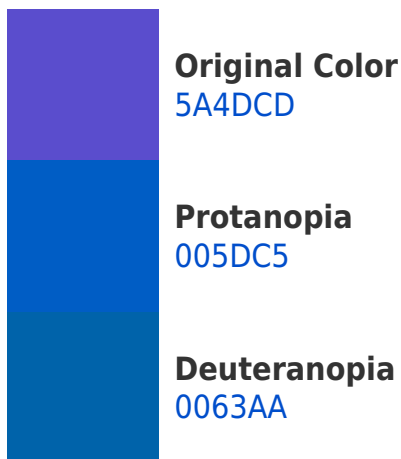


This preview shows how white text looks on a background with the Hex color 5A4DCD.

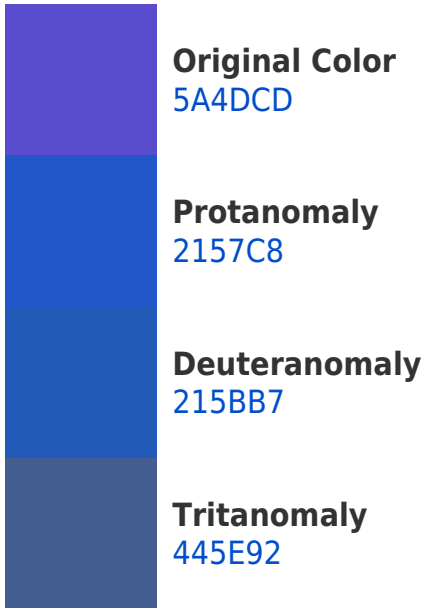
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5A4DCD 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 #5A4DCD looks like.

```
.text, #text, p{  
    color:#5A4DCD  
}
```

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 #5A4DCD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A4DCD
}
```

Border

The CSS property to change the border of an element to Hex 5A4DCD 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
#5A4DCD }
```

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

```
.border{ border-color:#5A4DCD }
```

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

Here you see how a box with a 4 pixel #5A4DCD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A4DCD; -webkit-box-shadow:4px 4px  
4px 4px #5A4DCD; box-shadow:4px 4px 4px  
4px #5A4DCD }
```

Background

The CSS property to change the background color of an element to Hex 5A4DCD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A4DCD }
```

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

```
.background{ background-color:#5A4DCD }
```

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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