

Converting Colors

Hex(5D46CC)

Have a look what the booklet for
Hex(5D46CC) contains.

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Color

Hex(5D46CC)

Conversions

Conversions Part 1

Format	Color
Hex	5D46CC
RGB	93, 70, 204
RGB Percent	36%, 27%, 80%
CMY	0.6353, 0.7255, 0.2000
CMYK	0.54, 0.66, 0.00, 0.20
HSL	250°, 57%, 54%
HSV	250°, 66%, 80%
XYZ	17.6034, 11.0671, 58.3351
YIQ	92.1530, -29.3060, 46.5500

Conversions

Conversions Part 2

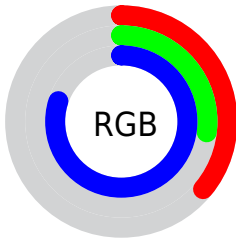
Format	Color
R_{YB}	93, 70, 204
Decimal	6112972
CIE _{Lab}	39.69, 44.95, -66.41
CIE _{LCh}	40, 80.196, 304.091
Yxy	11.0671, 0.2023, 0.1272
Android (android.graphics.Color)	4284303052 (0xFF5D46CC)
YUV	92.1530, 55.1406, 0.7428
Hunter-Lab	33.2673, 36.2360, -80.6796

Details

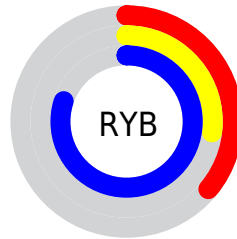
The Hex color **5D46CC** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted blue. A complement of this color would be **B5CC46**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **9878FF**, and **131795** is the 20% darker color. If you saturate the color by 10%, you get **4C32CC**, and if you desaturate by 10%, it is **6E5ACC**.

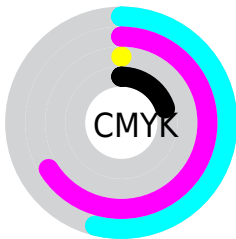
Distribution



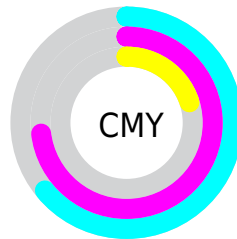
- Red (36%)
- Green (27%)
- Blue (80%)



- Red (36%)
- Yellow (27%)
- Blue (80%)



- Cyan (54%)
- Magenta (66%)
- Yellow (0%)
- Black (20%)



- Cyan (64%)
- Magenta (73%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D46CC 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 5D46CC by changing the saturation by 10% instead.

■ 5D46CC

■ 5D46CC

FFFFFF

■ 3D2EB0

■ 9878FF

■ 131795

■ B692FF

■ 00017A

■ D3ADFF

■ 000060

■ F2C9FF

■ 000847

■ FFE5FF

■ 000430

■ 00011A

■ 000000

■ 5D46CC

■ 5D46CC

■ 4C32CC

■ 6E5ACC

■ 3B1DCC

■ 7F6FCC

■ 2A09CC

■ 9083CC

■ 2300CC

■ A198CC

■ B1ACCC

■ C2C0CC

■ D3D5CC

■ E4E9CC

■ F5FECC

Harmonies

Analogous

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



0065E3



5D46CC



AF0098

Triad

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



5D46CC



9E4200



007765

Complementary

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



5D46CC



B5CC46

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.



00741D



5D46CC



6B5E00

Square

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



5D46CC



C00017



1D6D00



0077A6

Rectangle

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



5D46CC



C5006D



1D6D00



00764E

Sweetspot

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



5D46CC



D5CCFF



46B6CC



666180



000000



808080

Same Dimension

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



5D46CC



5836FF



9F46CC



5E5C66



1C00A6



070026

Inverse Universe

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



CC46B5



FF36DC



73CC46



665C64



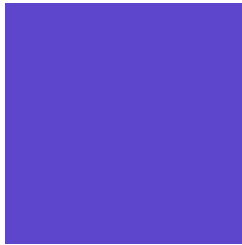
A60089



260020

Previews

White Background



This preview shows how the Hex color 5D46CC 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

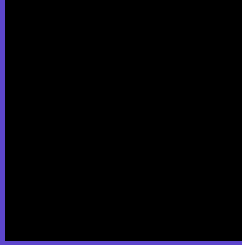
Any Text WCAG AA × Fail

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 5D46CC Background



This preview shows how black text looks on a background with the Hex color 5D46CC.

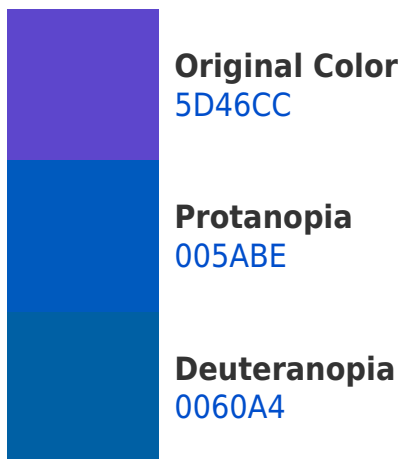



This preview shows how white text looks on a background with the Hex color 5D46CC.

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
3C646C

Trichromacy



Original Color
5D46CC



Protanomaly
2253C3



Deuteranomaly
2257B3



Tritanomaly
48598F

Monochromacy



Original Color
5D46CC



Achromatopsia
5C5C5C



Achromatomaly
5C5485

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D46CC 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 #5D46CC looks like.

```
.text, #text, p{  
    color:#5D46CC  
}
```

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 #5D46CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D46CC
}
```

Border

The CSS property to change the border of an element to Hex 5D46CC is called "border". The border property can be set on classes, ids or directly on the HTML element.

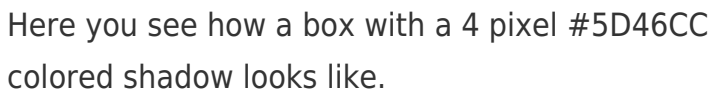
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D46CC }
```

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

```
.border{ border-color:#5D46CC }
```

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



Here you see how a box with a 4 pixel #5D46CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D46CC; -webkit-box-shadow:4px 4px  
4px 4px #5D46CC; box-shadow:4px 4px 4px  
4px #5D46CC }
```

Background

The CSS property to change the background color of an element to Hex 5D46CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D46CC }
```

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

```
.background{ background-color:#5D46CC }
```

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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