

Converting Colors

Hex(5D46C7)

Have a look what the booklet for
Hex(5D46C7) contains.

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Color

Hex(5D46C7)

Conversions

Conversions Part 1

Format	Color
Hex	5D46C7
RGB	93, 70, 199
RGB Percent	36%, 27%, 78%
CMY	0.6353, 0.7255, 0.2196
CMYK	0.53, 0.65, 0.00, 0.22
HSL	251°, 54%, 53%
HSV	251°, 65%, 78%
XYZ	17.0132, 10.8310, 55.2267
YIQ	91.5830, -27.7010, 44.9950

Conversions

Conversions Part 2

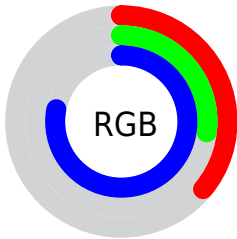
Format	Color
R_{YB}	93, 70, 199
Decimal	6112967
CIE _{Lab}	39.29, 43.45, -64.16
CIE _{LCh}	39, 77.491, 304.103
Yxy	10.8310, 0.2048, 0.1304
Android (android.graphics.Color)	4284303047 (0xFF5D46C7)
YUV	91.5830, 52.9566, 1.2427
Hunter-Lab	32.9105, 34.6827, -76.4566

Details

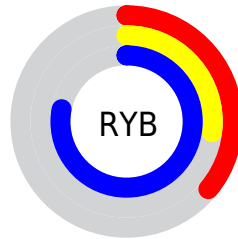
The Hex color **5D46C7** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted blue. A complement of this color would be **B0C746**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **9878FF**, and **171790** is the 20% darker color. If you saturate the color by 10%, you get **4D32C7**, and if you desaturate by 10%, it is **6D5AC7**.

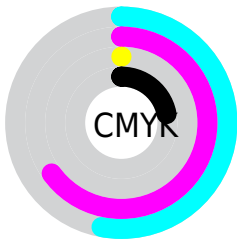
Distribution



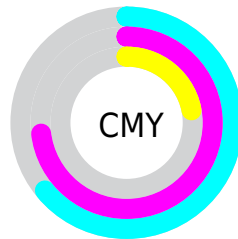
- Red (36%)
- Green (27%)
- Blue (78%)



- Red (36%)
- Yellow (27%)
- Blue (78%)



- Cyan (53%)
- Magenta (65%)
- Yellow (0%)
- Black (22%)



- Cyan (64%)
- Magenta (73%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D46C7 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 5D46C7 by changing the saturation by 10% instead.

■ 5D46C7

■ 5D46C7

FFFFFF

■ 3E2EAB

■ 9878FF

■ 171790

■ B592FF

■ 000175

■ D2ADFF

■ 00005C

■ F0C8FF

■ 000743

■ FFE5FF

■ 00032C

■ 000117

■ 000000

■ 5D46C7

■ 5D46C7

■ 4D32C7

■ 6D5AC7

■ 3C1EC7

■ 7E6EC7

■ 2C0AC7

■ 8E82C7

■ 2300C7

■ 9E96C7

■ AFAAC7

■ BFBDC7

■ CFD1C7

■ E0E5C7

■ F0F9C7

Harmonies

Analogous

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



0063DD



5D46C7



AB0095

Triad

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



5D46C7



9C4200



007564

Complementary

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



5D46C7



B0C746

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.



00721F



5D46C7



6A5D00

Square

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



5D46C7



BD0019



206C00



0075A3

Rectangle

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



5D46C7



C1006C



206C00



00744E

Sweetspot

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



5D46C7



D7CFFF



46B2C7



676280



000000



808080

Same Dimension

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



5D46C7



5C38FF



9C46C7



5B5A63



1D00A3



060024

Inverse Universe

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



C746B0



FF38DC



71C746



635A62



A30086



24001D

Previews

White Background



This preview shows how the Hex color 5D46C7 looks on a white background.

Color Contrast Check

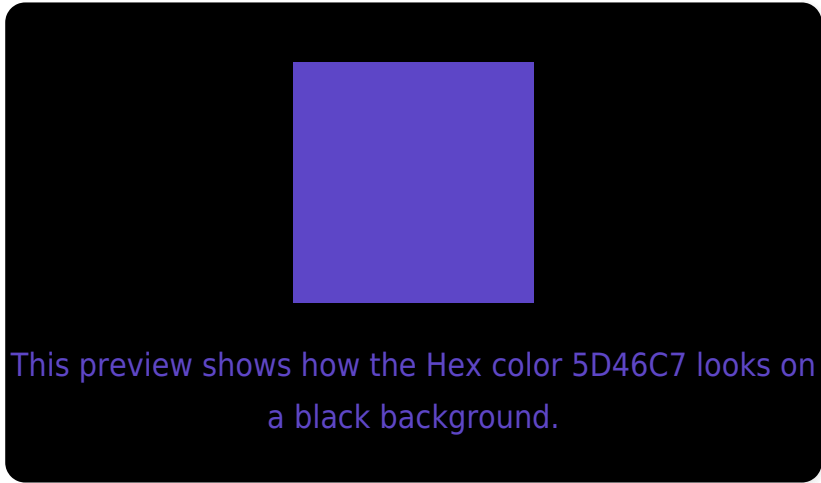
Large Text (above 18pt) WCAG AA ✓ Pass

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

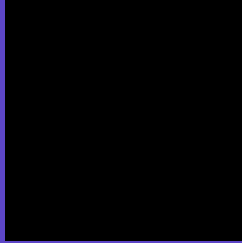
Any Text WCAG AA × Fail

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 5D46C7 Background



This preview shows how black text looks on a background with the Hex color 5D46C7.



This preview shows how white text looks on a background with the Hex color 5D46C7.

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
5D46C7

Protanopia
0059BD

Deuteranopia
005FA3



Tritanopia
3E626A

Trichromacy



Original Color
5D46C7



Protanomaly
2252C1



Deuteranomaly
2256B0



Tritanomaly
49588C

Monochromacy



Original Color
5D46C7



Achromatopsia
5C5C5C



Achromatomaly
5C5483

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D46C7 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 #5D46C7 looks like.

```
.text, #text, p{  
    color:#5D46C7  
}
```

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 #5D46C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D46C7
}
```

Border

The CSS property to change the border of an element to Hex 5D46C7 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
#5D46C7 }
```

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

```
.border{ border-color:#5D46C7 }
```

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

Here you see how a box with a 4 pixel #5D46C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D46C7; -webkit-box-shadow:4px 4px  
4px 4px #5D46C7; box-shadow:4px 4px 4px  
4px #5D46C7 }
```

Background

The CSS property to change the background color of an element to Hex 5D46C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D46C7 }
```

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

```
.background{ background-color:#5D46C7 }
```

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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