

Converting Colors

Hex(5B46C7)

Have a look what the booklet for
Hex(5B46C7) contains.

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Color

Hex(5B46C7)

Conversions

Conversions Part 1

Format	Color
Hex	5B46C7
RGB	91, 70, 199
RGB Percent	36%, 27%, 78%
CMY	0.6431, 0.7255, 0.2196
CMYK	0.54, 0.65, 0.00, 0.22
HSL	250°, 54%, 53%
HSV	250°, 65%, 78%
XYZ	16.8133, 10.7280, 55.2174
YIQ	90.9850, -28.8930, 44.5710

Conversions

Conversions Part 2

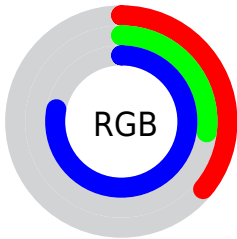
Format	Color
R _Y B	91, 70, 199
Decimal	5981895
CIE Lab	39.12, 43.10, -64.46
CIE LCh	39, 77.540, 303.767
Yxy	10.7280, 0.2032, 0.1296
Android (android.graphics.Color)	4284171975 (0xFF5B46C7)
YUV	90.9850, 53.2514, 0.0132
Hunter-Lab	32.7536, 34.3103, -77.0260

Details

The Hex color **5B46C7** 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 **B2C746**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **9678FF**, and **121890** is the 20% darker color. If you saturate the color by 10%, you get **4A32C7**, and if you desaturate by 10%, it is **6C5AC7**.

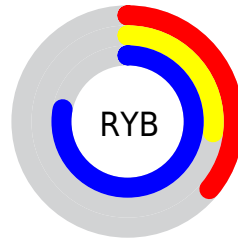
Distribution



Red (36%)

Green (27%)

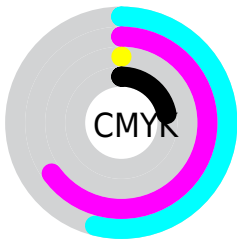
Blue (78%)



Red (36%)

Yellow (27%)

Blue (78%)

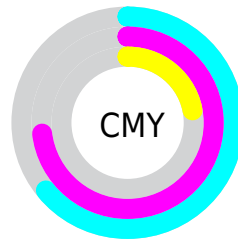


Cyan (54%)

Magenta (65%)

Yellow (0%)

Black (22%)



Cyan (64%)

Magenta (73%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B46C7 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 5B46C7 by changing the saturation by 10% instead.

■ 5B46C7

■ 5B46C7

FFFFFF

■ 3C2EAB

■ 9678FF

■ 121890

■ B392FF

■ 000275

■ D1ADFF

■ 00005C

■ EFC8FF

■ 000743

■ FFE5FF

■ 00032C

■ 000116

■ 000000

■ 5B46C7

■ 5B46C7

■ 4A32C7

■ 6C5AC7

■ 3A1EC7

■ 7C6EC7

■ 290AC7

■ 8D82C7

■ 2000C7

■ 9E96C7

■ AEAAC7

■ BFBDC7

■ D0D1C7

■ E0E5C7

■ F1F9C7

Harmonies

Analogous

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



0063DD



5B46C7



AA0095

Triad

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



5B46C7



9C4100



007563

Complementary

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



5B46C7



B2C746

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.



00721D



5B46C7



6A5D00

Square

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



5B46C7



BC0019



216B00



0075A2

Rectangle

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



5B46C7



C0006C



216B00



00744D

Sweetspot

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



5B46C7



D6CFFF



46B4C7



676280



000000



808080

Same Dimension

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



5B46C7



5838FF



9A46C7



5B5A63



1B00A3



060024

Inverse Universe

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



C746B2



FF38DF



73C746



635A62



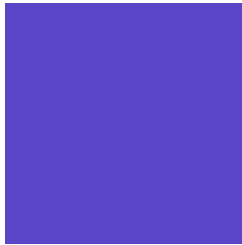
A30089



24001E

Previews

White Background



This preview shows how the Hex color 5B46C7 looks on a white background.

Color Contrast Check

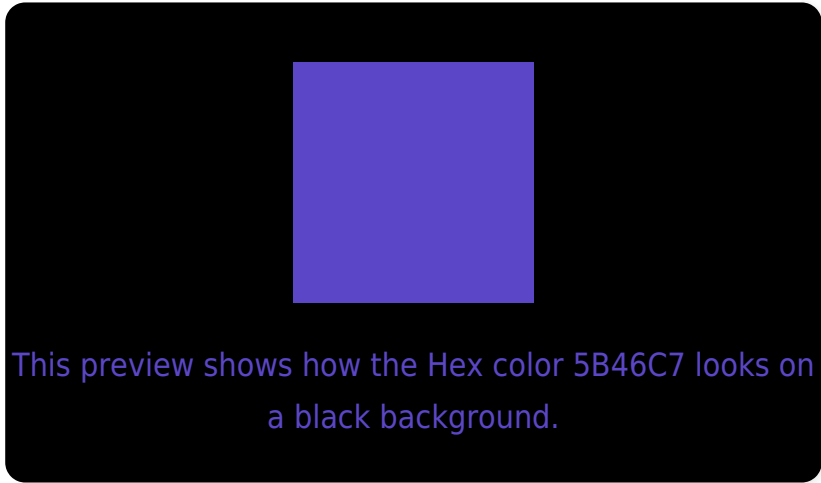
Large Text (above 18pt) WCAG AA ✓ Pass

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

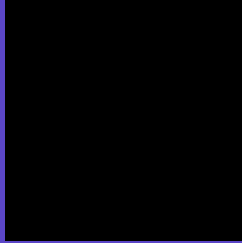
Any Text WCAG AA × Fail

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 5B46C7 Background



This preview shows how black text looks on a background with the Hex color 5B46C7.

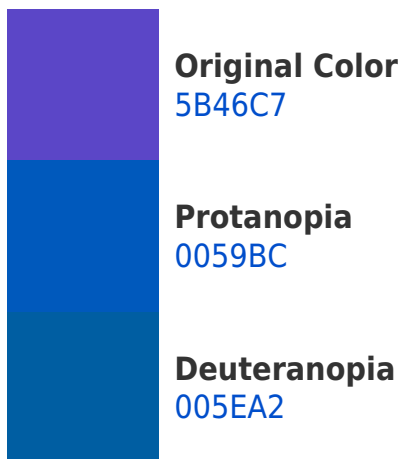


This preview shows how white text looks on a background with the Hex color 5B46C7.

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](#).

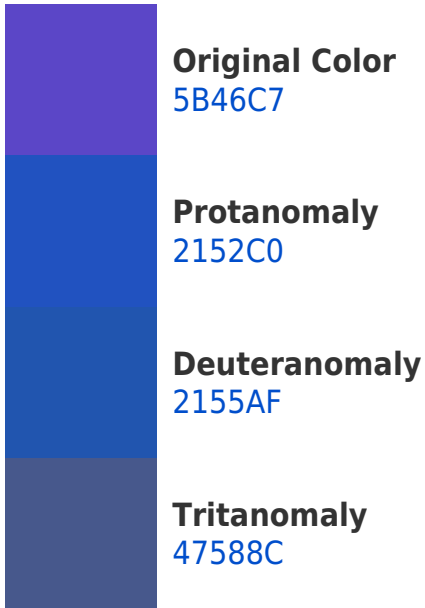
Dichromacy





Tritanopia
3B626A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5B46C7 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 #5B46C7 looks like.

```
.text, #text, p{  
    color:#5B46C7  
}
```

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 #5B46C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B46C7
}
```

Border

The CSS property to change the border of an element to Hex 5B46C7 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".

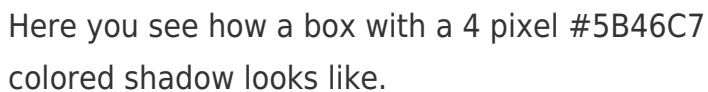
```
.border, #border, table{ border:4px solid
#5B46C7 }
```

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

```
.border{ border-color:#5B46C7 }
```

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

Here you see how a box with a 4 pixel #5B46C7 colored shadow looks like.

A rectangular box with a thick 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 #5B46C7; -webkit-box-shadow:4px 4px  
4px 4px #5B46C7; box-shadow:4px 4px 4px  
4px #5B46C7 }
```

Background

The CSS property to change the background color of an element to Hex 5B46C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B46C7 }
```

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

```
.background{ background-color:#5B46C7 }
```

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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