

# Converting Colors

Hex(5B46D0)

Have a look what the booklet for  
Hex(5B46D0) contains.

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# Color

**Hex(5B46D0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5B46D0
RGB	91, 70, 208
RGB Percent	36%, 27%, 82%
CMY	0.6431, 0.7255, 0.1843
CMYK	0.56, 0.66, 0.00, 0.18
HSL	249°, 59%, 55%
HSV	249°, 66%, 82%
XYZ	17.8897, 11.1585, 60.8854
YIQ	92.0110, -31.7820, 47.3700

# Conversions

## Conversions Part 2

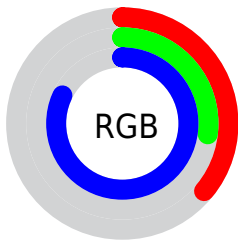
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 70, 208
Decimal	5981904
CIE <sub>Lab</sub>	39.85, 45.83, -68.48
CIE <sub>LCh</sub>	40, 82.403, 303.789
Yxy	11.1585, 0.1989, 0.1241
Android (android.graphics.Color)	4284171984 (0xFF5B46D0)
YUV	92.0110, 57.1826, -0.8866
Hunter-Lab	33.4044, 37.1379, -84.6835

# Details

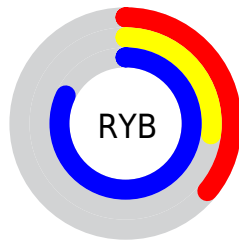
The Hex color **5B46D0** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted blue. A complement of this color would be **BBD046**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **9778FF**, and **091798** is the 20% darker color. If you saturate the color by 10%, you get **4931D0**, and if you desaturate by 10%, it is **6D5BD0**.

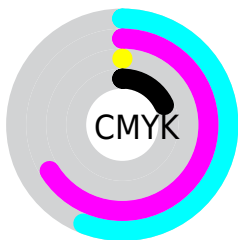
# Distribution



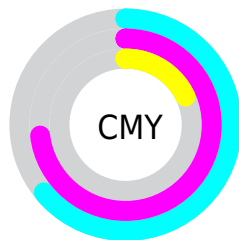
- Red (36%)
- Green (27%)
- Blue (82%)



- Red (36%)
- Yellow (27%)
- Blue (82%)



- Cyan (56%)
- Magenta (66%)
- Yellow (0%)
- Black (18%)



- Cyan (64%)
- Magenta (73%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B46D0 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 5B46D0 by changing the saturation by 10% instead.



 5B46D0

 5B46D0

FFFFFF

 3A2EB4

 9778FF

 091798

 B592FF

 00017E

 D3ADFF

 000064

 F1C9FF

 00074B

 FFE5FF

 000433

 00021D

 000000

 5B46D0

 5B46D0

■ 4931D0

■ 6D5BD0

■ 381CD0

■ 7E70D0

■ 2608D0

■ 9084D0

■ 2000D0

■ A299D0

■ B3AED0

■ C5C3D0

■ D6D8D0

■ E8ECD0

■ FAFFD0

# Harmonies

## Analogous

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



0066E7



5B46D0



B1009B

# Triad

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



5B46D0



A04100



007765

# Complementary

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



5B46D0



BBD046

# 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.



00751A



5B46D0



6C5F00

# Square

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



5B46D0



C30016



1B6E00



0078A8

# Rectangle

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



5B46D0



C8006F



1B6E00



00774D



# Sweetspot

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



5B46D0



D4CCFF



46BBD0



666180



000000



808080



# Same Dimension

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



5B46D0



5233FF



A046D0



605E69



1A00A8



060029



# Inverse Universe

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



D046BB



FF33E0



76D046



695E67



A8008F

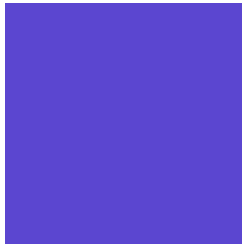


290023



# Previews

## White Background



This preview shows how the Hex color 5B46D0 looks on a white background.

## Color Contrast Check

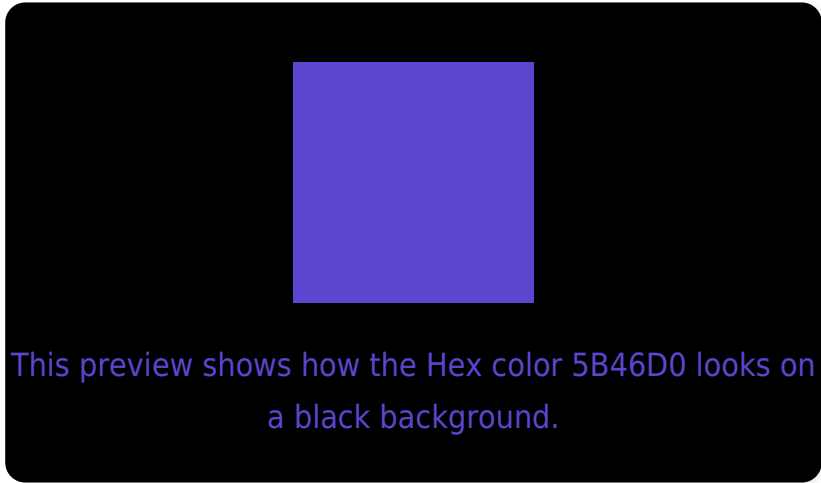
Large Text (above 18pt) WCAG AA ✓ Pass

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

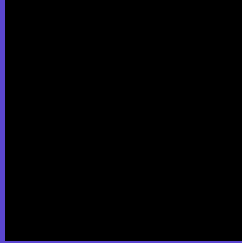
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5B46D0 Background



This preview shows how black text looks on a background with the Hex color 5B46D0.

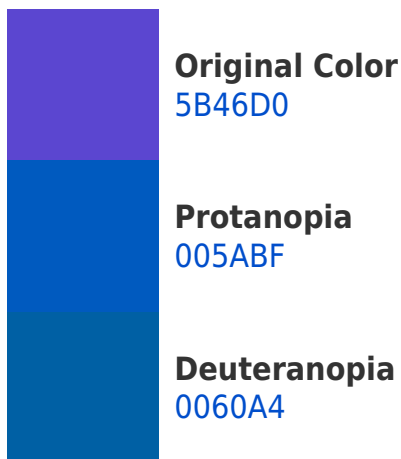


This preview shows how white text looks on a background with the Hex color 5B46D0.

# Color Blindness Simulation

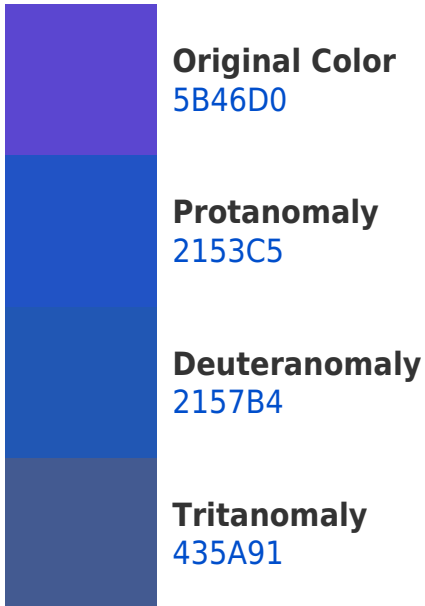
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

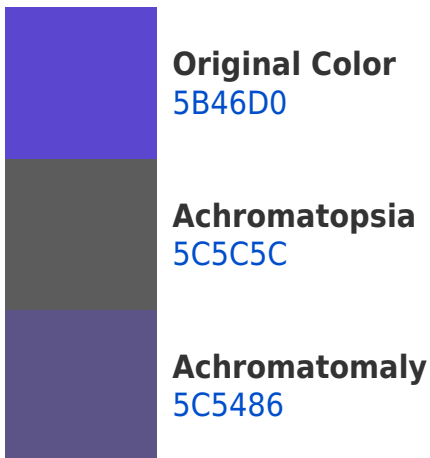




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B46D0 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 #5B46D0 looks like.

```
.text, #text, p{  
    color:#5B46D0  
}
```

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 #5B46D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B46D0
}
```

## Border

The CSS property to change the border of an element to Hex 5B46D0 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
#5B46D0 }
```

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

```
.border{ border-color:#5B46D0 }
```

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

Here you see how a box with a 4 pixel #5B46D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B46D0; -webkit-box-shadow:4px 4px  
4px 4px #5B46D0; box-shadow:4px 4px 4px  
4px #5B46D0 }
```

# Background

The CSS property to change the background color of an element to Hex 5B46D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B46D0 }
```

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

```
.background{ background-color:#5B46D0 }
```

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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