

# Converting Colors

Hex(5C01D0)

Have a look what the booklet for  
Hex(5C01D0) contains.

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# Color

**Hex(5C01D0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C01D0
RGB	92, 1, 208
RGB Percent	36%, 0%, 82%
CMY	0.6392, 0.9961, 0.1843
CMYK	0.56, 1.00, 0.00, 0.18
HSL	266°, 99%, 41%
HSV	266°, 100%, 82%
XYZ	15.8097, 6.8511, 60.1636
YIQ	51.8070, -12.2110, 83.6690

# Conversions

## Conversions Part 2

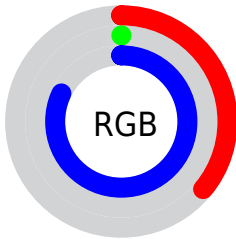
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 1, 208
Decimal	6029776
CIELab	31.47, 70.39, -82.28
CIELCh	31, 108.278, 310.545
Yxy	6.8511, 0.1909, 0.0827
Android (android.graphics.Color)	4284219856 (0xFF5C01D0)
YUV	51.8070, 77.0031, 35.2493
Hunter-Lab	26.1746, 62.0099, -117.9590

# Details

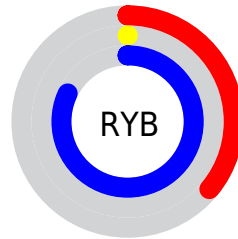
The Hex color **5C01D0** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **75D001**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **9B49FF**, and **000098** is the 20% darker color. If you saturate the color by 10%, you get **5B00D0**, and if you desaturate by 10%, it is **6816D0**.

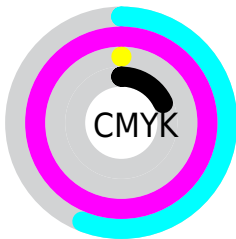
# Distribution



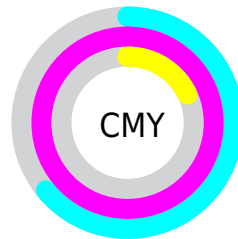
- Red (36%)
- Green (0%)
- Blue (82%)



- Red (36%)
- Yellow (0%)
- Blue (82%)



- Cyan (56%)
- Magenta (100%)
- Yellow (0%)
- Black (18%)



- Cyan (64%)
- Magenta (100%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C01D0 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 5C01D0 by changing the saturation by 10% instead.



 5C01D0

 5C01D0

FFFFFF

 3900B4

 9B49FF

 000098

 BA64FF

 00007D

 D880FF

 000063

 F79CFF

 00094A

 FFB8FF

 000432

 FFD5FF

 00021C

 FFF2FF

 000000

 5C01D0

 5C01D0

■ 5B00D0

■ 6816D0

■ 732BD0

■ 7F3FD0

■ 8B54D0

■ 9669D0

■ A27ED0

■ AE93D0

■ B9A7D0

■ C5BCD0

# Harmonies

## Analogous

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



0051F9



5C01D0



BB0085

# Triad

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



5C01D0



862D00



006468

# Complementary

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



5C01D0



75D001

# 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.



006201



5C01D0



3F5100

# Square

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



5C01D0



B70000



005E00



0067BB

# Rectangle

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



5C01D0



CD004D



005E00



00634A



# Sweetspot

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



5C01D0



D4B3FF



0176D0



665280



000000



808080



# Same Dimension

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



5C01D0



7000FF



C201D0



635E69



4A00A8



120029



# Inverse Universe

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



D00175



FF008F



0FD001



695E64



A8005E

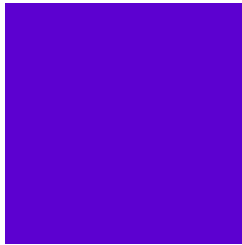


290017



# Previews

## White Background



This preview shows how the Hex color 5C01D0 looks on a white background.

## Color Contrast Check

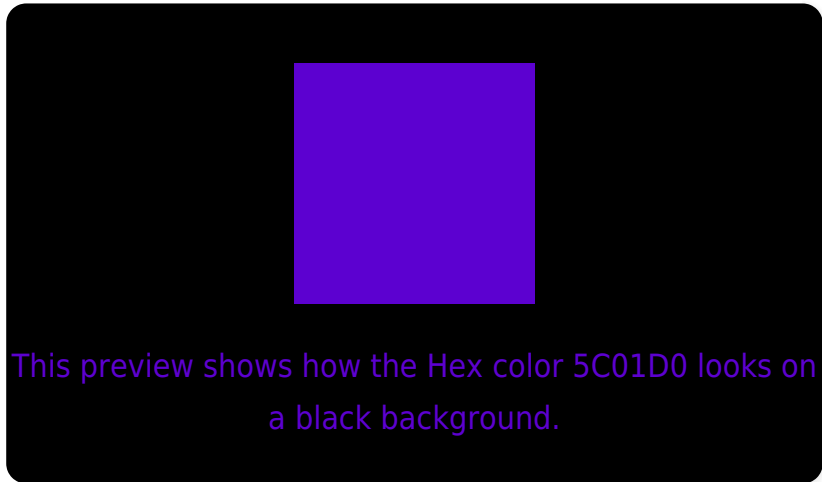
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

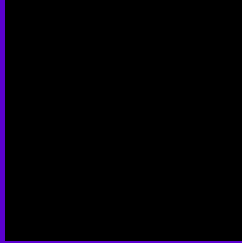
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5C01D0 Background



This preview shows how black text looks on a background with the Hex color 5C01D0.



This preview shows how white text looks on a background with the Hex color 5C01D0.

# 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**  
5C01D0

**Protanopia**  
00499A

**Deuteranopia**  
004E83



**Tritanopia**  
315157

# Trichromacy



**Original Color**  
5C01D0



**Protanomaly**  
212FAE



**Deuteranomaly**  
21329F



**Tritanomaly**  
413483

# Monochromacy



**Original Color**  
5C01D0



**Achromatopsia**  
343434



**Achromatomaly**  
43216D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C01D0 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 #5C01D0 looks like.

```
.text, #text, p{  
    color:#5C01D0  
}
```

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 #5C01D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C01D0
}
```

## Border

The CSS property to change the border of an element to Hex 5C01D0 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
#5C01D0 }
```

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

```
.border{ border-color:#5C01D0 }
```

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

Here you see how a box with a 4 pixel #5C01D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C01D0; -webkit-box-shadow:4px 4px  
4px 4px #5C01D0; box-shadow:4px 4px 4px  
4px #5C01D0 }
```

# Background

The CSS property to change the background color of an element to Hex 5C01D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C01D0 }
```

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

```
.background{ background-color:#5C01D0 }
```

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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