

# Converting Colors

Hex(5C2FD0)

Have a look what the booklet for  
Hex(5C2FD0) contains.

<b>Hex(5C2FD0)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	28

# Color

Hex(5C2FD0)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C2FD0
RGB	92, 47, 208
RGB Percent	36%, 18%, 82%
CMY	0.6392, 0.8157, 0.1843
CMYK	0.56, 0.77, 0.00, 0.18
HSL	257°, 63%, 50%
HSV	257°, 77%, 82%
XYZ	16.8153, 8.8624, 60.4989
YIQ	78.8090, -24.8610, 59.6110

# Conversions

## Conversions Part 2

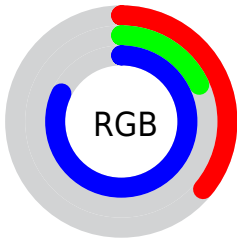
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	92, 47, 208
Decimal	6041552
CIE Lab	35.72, 57.77, -75.25
CIE LCh	36, 94.868, 307.511
Yxy	8.8624, 0.1951, 0.1028
Android (android.graphics.Color)	4284231632 (0xFF5C2FD0)
YUV	78.8090, 63.6912, 11.5685
Hunter-Lab	29.7698, 48.7276, -99.6516

# Details

The Hex color **5C2FD0** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark washed blue. A complement of this color would be **A3D02F**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **9963FF**, and **030098** is the 20% darker color. If you saturate the color by 10%, you get **4D1AD0**, and if you desaturate by 10%, it is **6B44D0**.

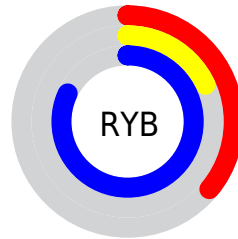
# Distribution



Red (36%)

Green (18%)

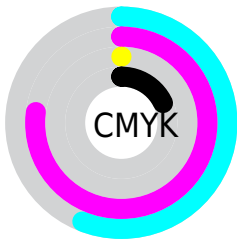
Blue (82%)



Red (36%)

Yellow (18%)

Blue (82%)

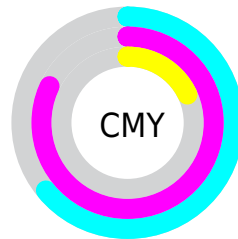


Cyan (56%)

Magenta (77%)

Yellow (0%)

Black (18%)



Cyan (64%)

Magenta (82%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C2FD0 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 5C2FD0 by changing the saturation by 10% instead.



■ 5C2FD0

■ 5C2FD0

FFFFFF

■ 3A13B4

■ 9963FF

■ 030098

■ B77DFF

■ 00007D

■ D698FF

■ 000063

■ F4B3FF

■ 00094A

■ FFD0FF

■ 000433

■ FFECFF

■ 00021D

■ 000000

■ 5C2FD0

■ 5C2FD0

■ 4D1AD0

■ 6B44D0

■ 3E05D0

■ 7A59D0

■ 3A00D0

■ 896DD0

■ 9882D0

■ A797D0

■ B6ACD0

■ C5C1D0

■ D4D5D0

■ E3EAD0

# Harmonies

## Analogous

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



005BF0



5C2FD0



B60090

# Triad

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



5C2FD0



933700



006E66

# Complementary

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



5C2FD0



A3D02F

# 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.



006C0E



5C2FD0



565800

# Square

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



5C2FD0



BE0000



006600



006FB1

# Rectangle

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



5C2FD0



CB005E



006600



006D4C



# Sweetspot

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



5C2FD0



D5C4FF



2FA5D0



665C80



000000



808080



# Same Dimension

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



5C2FD0



5412FF



AA2FD0



615E69



2F00A8



0B0029



# Inverse Universe

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



D02FA3



FF12BD



55D02F



695E66



A80079

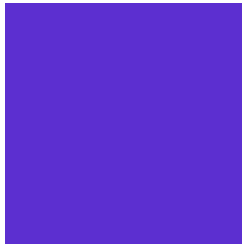


29001D



# Previews

## White Background



This preview shows how the Hex color 5C2FD0 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

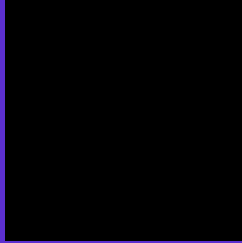
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5C2FD0 Background



This preview shows how black text looks on a background with the Hex color 5C2FD0.

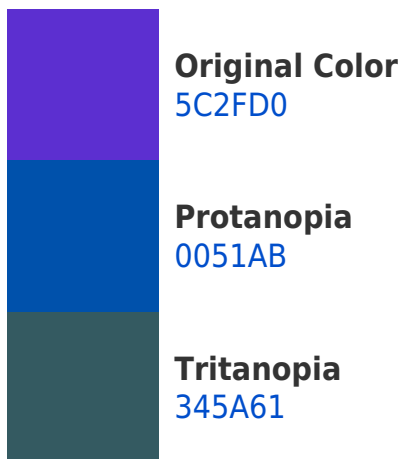


This preview shows how white text looks on a background with the Hex color 5C2FD0.

# 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



**Original Color**  
5C2FD0



**Protanomaly**  
2145B8

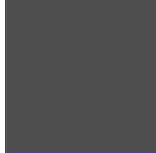


**Tritanomaly**  
434A89

# Monochromacy



**Original Color**  
5C2FD0



**Achromatopsia**  
4F4F4F



**Achromatomaly**  
54437E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C2FD0 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 #5C2FD0 looks like.

```
.text, #text, p{  
    color:#5C2FD0  
}
```

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 #5C2FD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C2FD0
}
```

## Border

The CSS property to change the border of an element to Hex 5C2FD0 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".

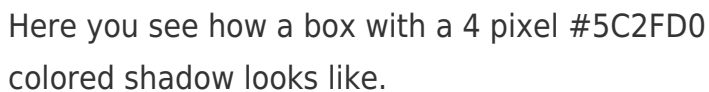
```
.border, #border, table{ border:4px solid
#5C2FD0 }
```

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

```
.border{ border-color:#5C2FD0 }
```

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

Here you see how a box with a 4 pixel #5C2FD0 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C2FD0; -webkit-box-shadow:4px 4px  
4px 4px #5C2FD0; box-shadow:4px 4px 4px  
4px #5C2FD0 }
```

# Background

The CSS property to change the background color of an element to Hex 5C2FD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C2FD0 }
```

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

```
.background{ background-color:#5C2FD0 }
```

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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