

# Converting Colors

Hex(C56CF9)

Have a look what the booklet for  
Hex(C56CF9) contains.

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# Color

**Hex(C56CF9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C56CF9
RGB	197, 108, 249
RGB Percent	77%, 42%, 98%
CMY	0.2275, 0.5765, 0.0235
CMYK	0.21, 0.57, 0.00, 0.02
HSL	278°, 92%, 70%
HSV	278°, 57%, 98%
XYZ	45.4874, 29.4350, 92.9066
YIQ	150.6850, 7.7830, 62.7190

# Conversions

## Conversions Part 2

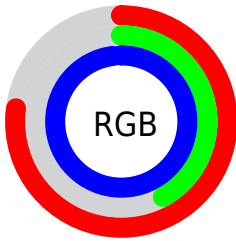
Format	Color
R <sub>Y</sub> B	197, 108, 249
Decimal	12938489
CIE Lab	61.16, 58.50, -56.66
CIE LCh	61, 81.436, 315.917
Yxy	29.4350, 0.2710, 0.1754
Android (android.graphics.Color)	4291128569 (0xFFC56CF9)
YUV	150.6850, 48.4693, 40.6183
Hunter-Lab	54.2540, 54.7126, -63.5526

# Details

The Hex color **C56CF9** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **A0F96C**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFA3FF**, and **8C36C0** is the 20% darker color. If you saturate the color by 10%, you get **BC53F9**, and if you desaturate by 10%, it is **CE85F9**.

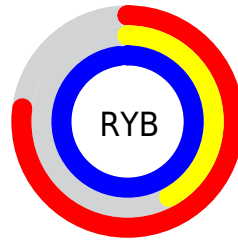
# Distribution



Red (77%)

Green (42%)

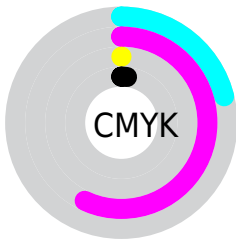
Blue (98%)



Red (77%)

Yellow (42%)

Blue (98%)

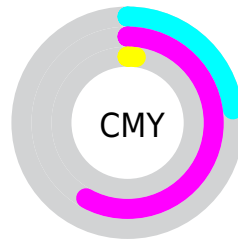


Cyan (21%)

Magenta (57%)

Yellow (0%)

Black (2%)



Cyan (23%)

Magenta (58%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C56CF9 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 C56CF9 by changing the saturation by 10% instead.



 C56CF9

 C56CF9

FFFFFF

 A851DC

 FFA3FF

 8C36C0

 FFBFFF

 7017A4

 FFDCFF

 540089

 FFF9FF

 37006F

 1C0056

 00003E

 000327

 000110

 C56CF9

 C56CF9

 BC53F9

 CE85F9

 B33AF9

 D79EF9

 A921F9

 E1B7F9

 A008F9

 EAD0F9

 9D00F9

 F3E9F9

 FCFFF9

 FFFFF9

# Harmonies

## Analogous

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



178FFF



C56CF9



FF44B9

# Triad

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



C56CF9



CE8400



00B3B9

# Complementary

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



C56CF9



A0F96C

# 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.



00B16E



C56CF9



8E9C00

# Square

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



C56CF9



FC612B



2CAA1E



00B1FA

# Rectangle

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



C56CF9



FF3A89



2CAA1E



00B3A0



# Sweetspot

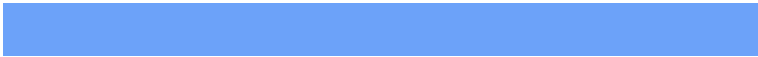
The Sweet Spot groups the original color and five complimentary colors.



C56CF9



EFD4FF



6CA2F9



766680



000000



808080



# Same Dimension

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



C56CF9



BF52FF



F96CE9



78707D



7700BD



27003D



# Inverse Universe

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



F96CA0



FF5292



6CF97C



7D7075



BD0046

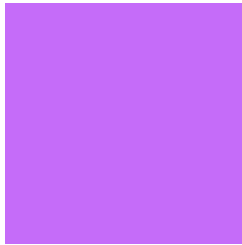


3D0017



# Previews

## White Background



This preview shows how the Hex color C56CF9 looks on a white background.

## Color Contrast Check

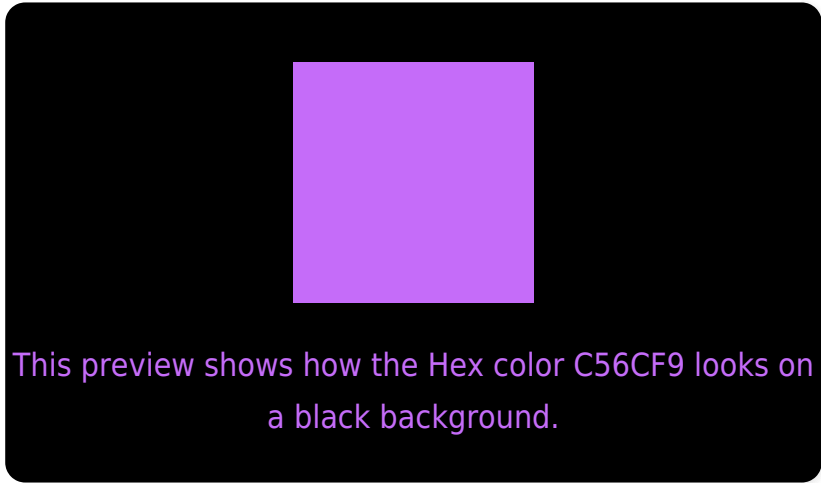
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

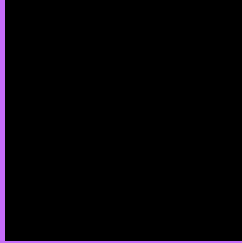
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C56CF9 Background



This preview shows how black text looks on a background with the Hex color C56CF9.

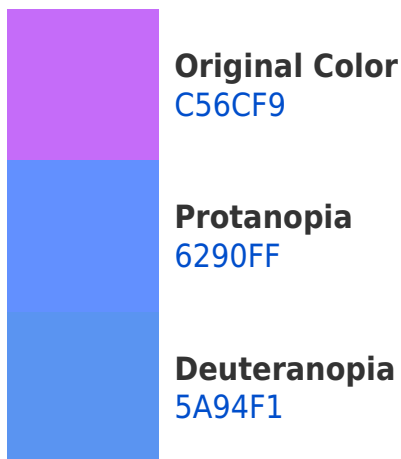


This preview shows how white text looks on a background with the Hex color C56CF9.

# 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**  
B48792

# Trichromacy



**Original Color**  
C56CF9



**Protanomaly**  
8683FD



**Deuteranomaly**  
8185F4



**Tritanomaly**  
BA7DB7

# Monochromacy



**Original Color**  
C56CF9



**Achromatopsia**  
979797



**Achromatomaly**  
A887BB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C56CF9 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 #C56CF9 looks like.

```
.text, #text, p{  
    color:#C56CF9  
}
```

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 #C56CF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C56CF9
}
```

## Border

The CSS property to change the border of an element to Hex C56CF9 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
#C56CF9 }
```

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

```
.border{ border-color:#C56CF9 }
```

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

Here you see how a box with a 4 pixel #C56CF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C56CF9; -webkit-box-shadow:4px 4px  
4px 4px #C56CF9; box-shadow:4px 4px 4px  
4px #C56CF9 }
```

# Background

The CSS property to change the background color of an element to Hex C56CF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C56CF9 }
```

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

```
.background{ background-color:#C56CF9 }
```

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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