

Converting Colors

Hex(C56CD5)

Have a look what the booklet for
Hex(C56CD5) contains.

Hex(C56CD5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C56CD5)

Conversions

Conversions Part 1

Format	Color
Hex	C56CD5
RGB	197, 108, 213
RGB Percent	77%, 42%, 84%
CMY	0.2275, 0.5765, 0.1647
CMYK	0.08, 0.49, 0.00, 0.16
HSL	291°, 56%, 63%
HSV	291°, 49%, 84%
XYZ	40.3988, 27.3995, 66.1102
YIQ	146.5810, 19.3390, 51.5230

Conversions

Conversions Part 2

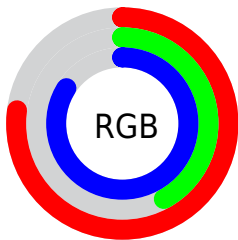
Format	Color
RYB	197, 108, 213
Decimal	12938453
CIELab	59.34, 51.18, -39.45
CIELCh	59, 64.626, 322.373
Yxy	27.3995, 0.3017, 0.2046
Android (android.graphics.Color)	4291128533 (0xFFC56CD5)
YUV	146.5810, 32.7446, 44.2175
Hunter-Lab	52.3446, 46.1607, -38.2409

Details

The Hex color **C56CD5** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7CD56C**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FFA2FF**, and **8D379E** is the 20% darker color. If you saturate the color by 10%, you get **C257D5**, and if you desaturate by 10%, it is **C881D5**.

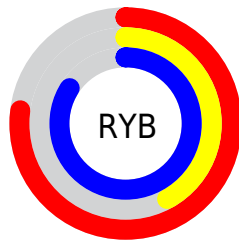
Distribution



Red (77%)

Green (42%)

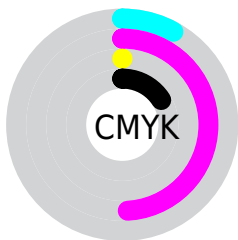
Blue (84%)



Red (77%)

Yellow (42%)

Blue (84%)

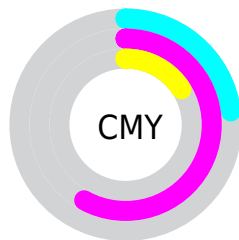


Cyan (8%)

Magenta (49%)

Yellow (0%)

Black (16%)



Cyan (23%)

Magenta (58%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color C56CD5 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 C56CD5 by changing the saturation by 10% instead.

 C56CD5

 C56CD5

FFFFFF

 A952B9

 FFA2FF

 8D379E

 FFBEFF

 721B83

 FFDBFF

 57006A

 FFF8FF

 3D0051

 27003A

 000023

 000009

 000000

 C56CD5

 C56CD5

 C257D5

 C881D5

 BF41D5

 CB97D5

 BB2CD5

 CFACD5

 B817D5

 D2C1D5

 B501D5

 D5D7D5

 B500D5

 D8ECD5

 DCFFD5

 DFFFD5

 E2FFD5

Harmonies

Analogous

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



7186F9



C56CD5



ED57A0

Triad

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



C56CD5



B78703



00A9B9

Complementary

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



C56CD5



7CD56C

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.



00A87E



C56CD5



829910

Square

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



C56CD5



DF7034



33A345



00A5E8

Rectangle

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



C56CD5



F5567A



33A345



00A9A6

Sweetspot

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



C56CD5



F9D9FF



6C7ED5



7C6980



000000



808080

Same Dimension

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



C56CD5



E869FF



D56CB2



69606B



9100AB



25002B

Inverse Universe

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



D56C7C



FF697F



6CD58F



6B6062



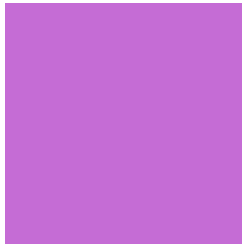
AB001A



2B0007

Previews

White Background



This preview shows how the Hex color C56CD5 looks on a white background.

Color Contrast Check

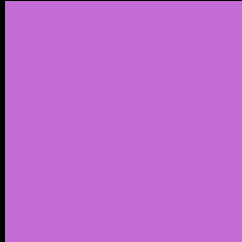
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color C56CD5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

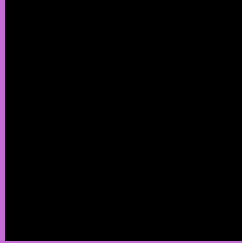
Any Text WCAG AA ✓ Pass

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 C56CD5 Background



This preview shows how black text looks on a background with the Hex color C56CD5.

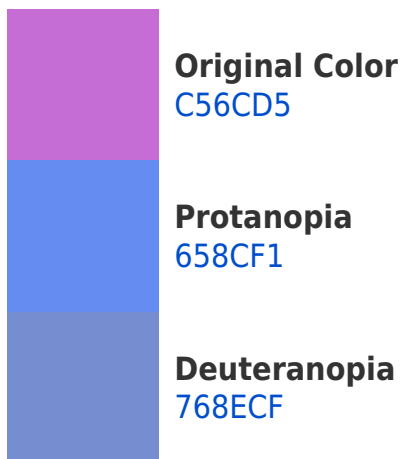


This preview shows how white text looks on a background with the Hex color C56CD5.

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](#).

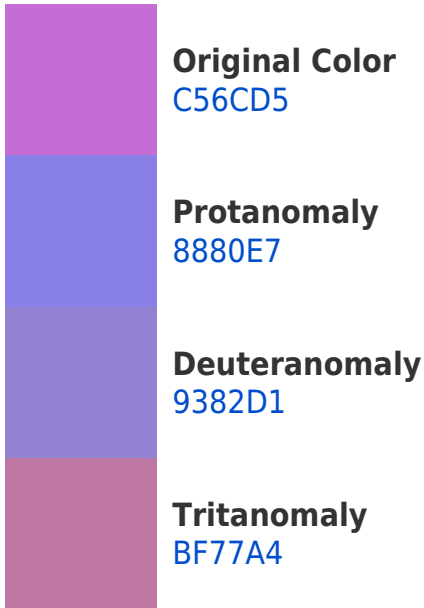
Dichromacy



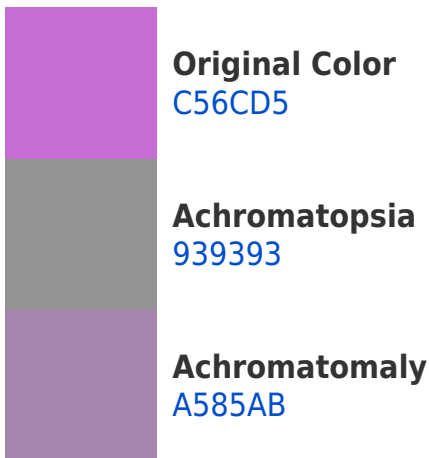


Tritanopia
BB7E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C56CD5 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 #C56CD5 looks like.

```
.text, #text, p{  
    color:#C56CD5  
}
```

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 #C56CD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C56CD5
}
```

Border

The CSS property to change the border of an element to Hex C56CD5 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
#C56CD5 }
```

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

```
.border{ border-color:#C56CD5 }
```

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

Here you see how a box with a 4 pixel #C56CD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C56CD5; -webkit-box-shadow:4px 4px  
4px 4px #C56CD5; box-shadow:4px 4px 4px  
4px #C56CD5 }
```

Background

The CSS property to change the background color of an element to Hex C56CD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C56CD5 }
```

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

```
.background{ background-color:#C56CD5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor