

# Converting Colors

Hex(C465CF)

Have a look what the booklet for  
Hex(C465CF) contains.

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# Color

Hex(C465CF)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C465CF
RGB	196, 101, 207
RGB Percent	77%, 40%, 81%
CMY	0.2314, 0.6039, 0.1882
CMYK	0.05, 0.51, 0.00, 0.19
HSL	294°, 52%, 60%
HSV	294°, 51%, 81%
XYZ	38.6811, 25.5481, 61.9240
YIQ	141.4890, 22.5940, 53.1060

# Conversions

## Conversions Part 2

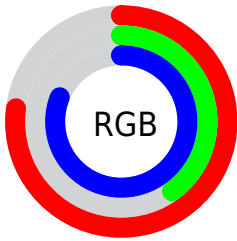
Format	Color
R <sub>YB</sub>	196, 101, 207
Decimal	12871119
CIE <sub>Lab</sub>	57.61, 53.26, -38.80
CIE <sub>LCh</sub>	58, 65.896, 323.931
Yxy	25.5481, 0.3066, 0.2025
Android (android.graphics.Color)	4291061199 (0xFFC465CF)
YUV	141.4890, 32.2969, 47.8061
Hunter-Lab	50.5451, 48.1482, -37.2560

# Details

The Hex color **C465CF** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **70CF65**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FF9BFF**, and **8C2F98** is the 20% darker color. If you saturate the color by 10%, you get **C250CF**, and if you desaturate by 10%, it is **C67ACF**.

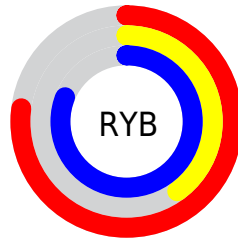
# Distribution



Red (77%)

Green (40%)

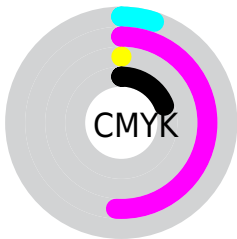
Blue (81%)



Red (77%)

Yellow (40%)

Blue (81%)

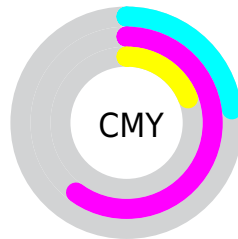


Cyan (5%)

Magenta (51%)

Yellow (0%)

Black (19%)



Cyan (23%)

Magenta (60%)

Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C465CF 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 C465CF by changing the saturation by 10% instead.



 C465CF

 C465CF

FFFFFF

 A84AB3

 FF9BFF

 8C2F98

 FFB7FF

 710F7E

 FFD4FF

 560064

 FFF1FF

 3C004C

 250035

 00021E

 000000

 C465CF

 C465CF

 C250CF

 C67ACF

 C03CCF

 C88ECF

 BE27CF

 CAA3CF

 BB12CF

 CDB8CF

 BA00CF

 CFCCCF

 D1E1CF

 D3F6CF

 D5FFCF

 D7FFCF

# Harmonies

## Analogous

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



7180F4



C465CF



EA5099

# Triad

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



C465CF



B08400



00A5B8

# Complementary

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



C465CF



70CF65

# 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.



00A47C



C465CF



799503

# Square

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



C465CF



D96C2B



209F42



00A0E7

# Rectangle

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



C465CF



F14F72



209F42



00A5A4



# Sweetspot

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



C465CF



FBD9FF



6571CF



7D6980



000000



808080



# Same Dimension

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



C465CF



EF63FF



CF65A6



675E69



9700A8



250029



# Inverse Universe

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



CF6570



FF6374



65CF8E



695E5F



A80011

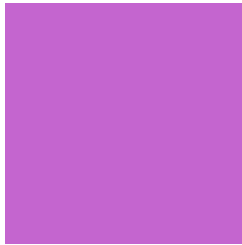


290004



# Previews

## White Background



This preview shows how the Hex color C465CF 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

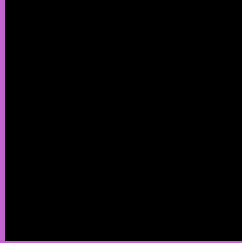
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C465CF Background



This preview shows how black text looks on a background with the Hex color C465CF.

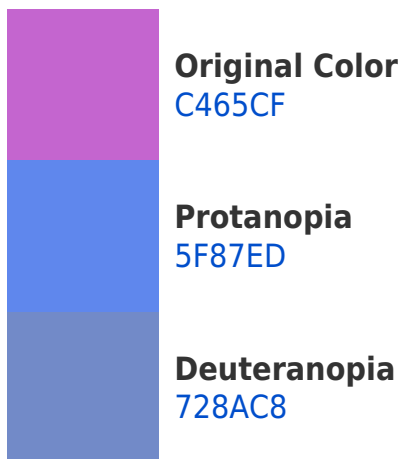



This preview shows how white text looks on a background with the Hex color C465CF.

# 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](#).

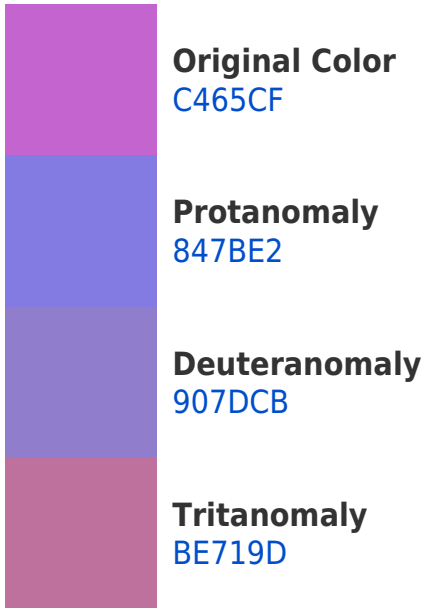
## Dichromacy



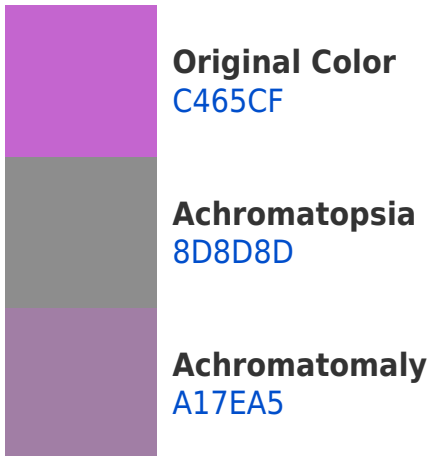


**Tritanopia**  
BA7881

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C465CF 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 #C465CF looks like.

```
.text, #text, p{  
    color:#C465CF  
}
```

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 #C465CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C465CF
}
```

## Border

The CSS property to change the border of an element to Hex C465CF is called "border". The border property can be set on classes, ids or directly on the HTML element.

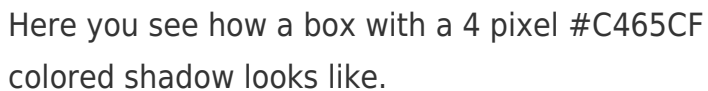
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C465CF }
```

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

```
.border{ border-color:#C465CF }
```

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



Here you see how a box with a 4 pixel `#C465CF` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C465CF; -webkit-box-shadow:4px 4px  
4px 4px #C465CF; box-shadow:4px 4px 4px  
4px #C465CF }
```

# Background

The CSS property to change the background color of an element to Hex C465CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C465CF }
```

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

```
.background{ background-color:#C465CF }
```

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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