

Converting Colors

Hex(CB5FCD)

Have a look what the booklet for
Hex(CB5FCD) contains.

Hex(CB5FCD)	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(CB5FCD)

Conversions

Conversions Part 1

Format	Color
Hex	CB5FCD
RGB	203, 95, 205
RGB Percent	80%, 37%, 80%
CMY	0.2039, 0.6275, 0.1961
CMYK	0.01, 0.54, 0.00, 0.20
HSL	299°, 52%, 59%
HSV	299°, 54%, 80%
XYZ	39.7403, 25.2887, 60.5443
YIQ	139.8320, 29.0580, 57.1060

Conversions

Conversions Part 2

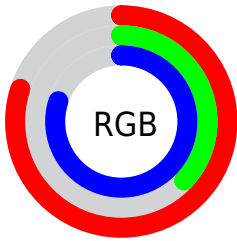
Format	Color
R _Y B	203, 95, 205
Decimal	13328333
CIE Lab	57.36, 57.69, -37.99
CIE LCh	57, 69.077, 326.638
Yxy	25.2887, 0.3165, 0.2014
Android (android.graphics.Color)	4291518413 (0xFFCB5FCD)
YUV	139.8320, 32.1278, 55.3983
Hunter-Lab	50.2879, 53.0568, -36.1809

Details

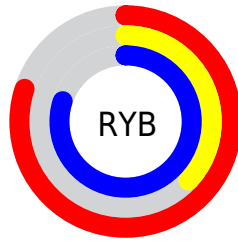
The Hex color **CB5FCD** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **61CD5F**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FF96FF**, and **922696** is the 20% darker color. If you saturate the color by 10%, you get **CB4BCD**, and if you desaturate by 10%, it is **CB74CD**.

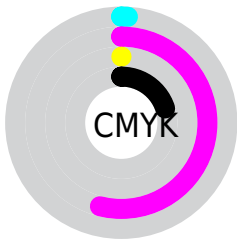
Distribution



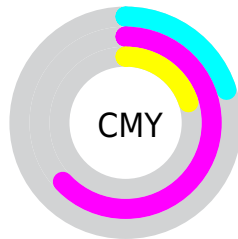
- Red (80%)
- Green (37%)
- Blue (80%)



- Red (80%)
- Yellow (37%)
- Blue (80%)



- Cyan (1%)
- Magenta (54%)
- Yellow (0%)
- Black (20%)



- Cyan (20%)
- Magenta (63%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB5FCD 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 CB5FCD by changing the saturation by 10% instead.

 CB5FCD

 CB5FCD

FFFFFF

 AE44B1

 FF96FF

 922696

 FFB2FF

 77007C

 FFCFFF

 5C0063

 FFECCF

 41004A

 290033

 00001D

 000000

 CB5FCD

 CB5FCD

■ CB4BCD

■ CB74CD

■ CA36CD

■ CC88CD

■ CA22CD

■ CC9DCD

■ CA0DCD

■ CCB1CD

■ C900CD

■ CDC6CD

■ CDDACD

■ CEEFCD

■ CEFFCD

Harmonies

Analogous

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



797DF6



CB5FCD



F04993

Triad

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



CB5FCD



AB8500



00A5BE

Complementary

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



CB5FCD



61CD5F

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.



00A481



CB5FCD



719600

Square

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



CB5FCD



D86C1F



00A043



00A0EE

Rectangle

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



CB5FCD



F44A6B



00A043



00A5AB

Sweetspot

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



CB5FCD



FED6FF



5F63CD



7F6780



000000



808080

Same Dimension

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



CB5FCD



FC5CFF



CD5F9A



665C66



A300A6



260026

Inverse Universe

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



CD5F61



FF5C5F



5FCD92



665C5C



A60003



260001

Previews

White Background



This preview shows how the Hex color CB5FCD looks on a white background.

Color Contrast Check

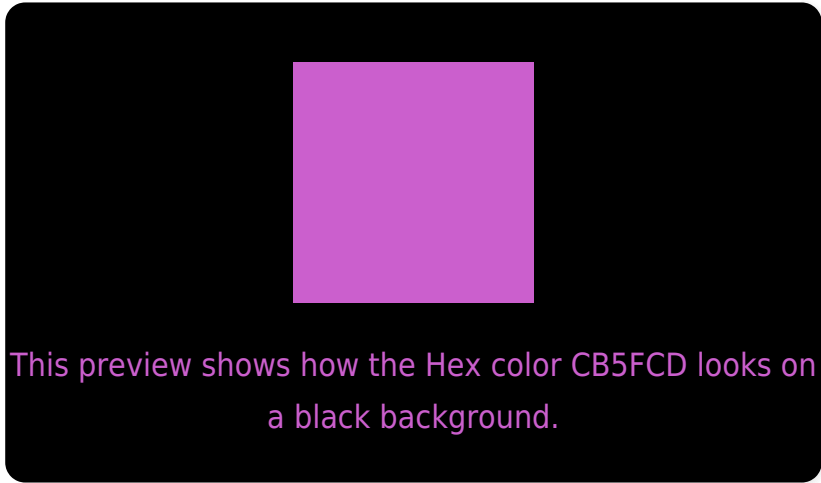
Large Text (above 18pt) WCAG AA ✓ Pass

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

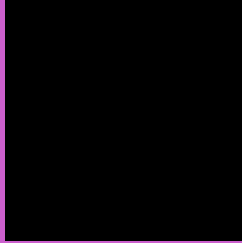
Any Text WCAG AA ✓ Pass

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 CB5FCD Background



This preview shows how black text looks on a background with the Hex color CB5FCD.

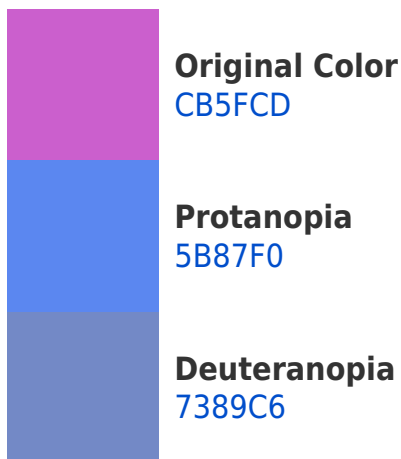


This preview shows how white text looks on a background with the Hex color CB5FCD.

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](#).

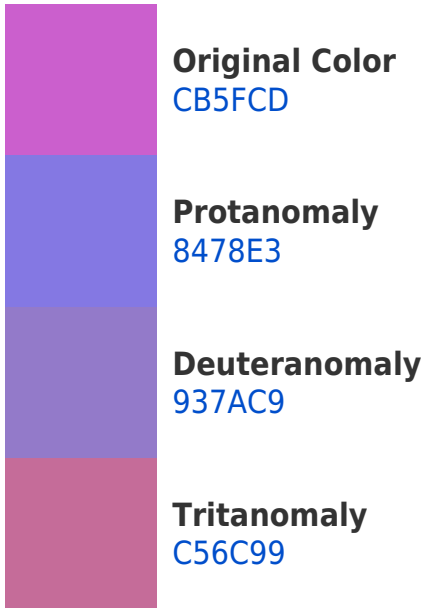
Dichromacy



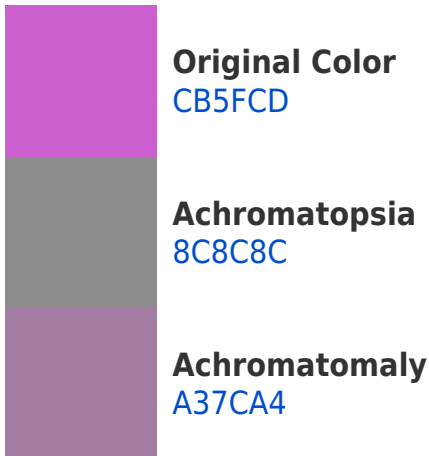


Tritanopia
C1747C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CB5FCD 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 #CB5FCD looks like.

```
.text, #text, p{  
    color:#CB5FCD  
}
```

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 #CB5FCD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB5FCD
}
```

Border

The CSS property to change the border of an element to Hex CB5FCD 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
#CB5FCD }
```

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

```
.border{ border-color:#CB5FCD }
```

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

Here you see how a box with a 4 pixel #CB5FCD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB5FCD; -webkit-box-shadow:4px 4px  
4px 4px #CB5FCD; box-shadow:4px 4px 4px  
4px #CB5FCD }
```

Background

The CSS property to change the background color of an element to Hex CB5FCD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB5FCD }
```

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

```
.background{ background-color:#CB5FCD }
```

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