

# Converting Colors

Hex(CB9FC2)

Have a look what the booklet for  
Hex(CB9FC2) contains.

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# **Color**

**Hex(CB9FC2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CB9FC2
RGB	203, 159, 194
RGB Percent	80%, 62%, 76%
CMY	0.2039, 0.3765, 0.2392
CMYK	0.00, 0.22, 0.04, 0.20
HSL	312°, 30%, 71%
HSV	312°, 22%, 80%
XYZ	46.7643, 41.3878, 56.5628
YIQ	176.1460, 14.9890, 20.2130

# Conversions

## Conversions Part 2

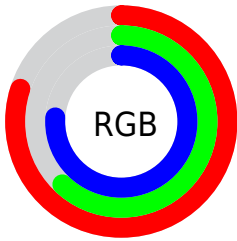
Format	Color
R <sub>Y</sub> B	203, 159, 194
Decimal	13344706
CIE Lab	70.45, 22.11, -11.73
CIE LCh	70, 25.029, 332.054
Yxy	41.3878, 0.3231, 0.2860
Android (android.graphics.Color)	4291534786 (0xFFFCB9FC2)
YUV	176.1460, 8.8020, 23.5510
Hunter-Lab	64.3334, 17.1694, -7.0953

# Details

The Hex color **CB9FC2** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9FCBA8**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFD6FB**, and **946B8C** is the 20% darker color. If you saturate the color by 10%, you get **CB8BBE**, and if you desaturate by 10%, it is **CBB3C6**.

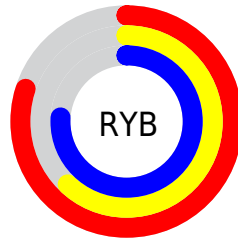
# Distribution



Red (80%)

Green (62%)

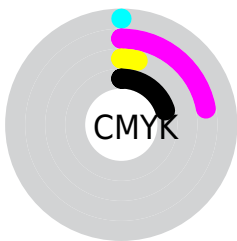
Blue (76%)



Red (80%)

Yellow (62%)

Blue (76%)

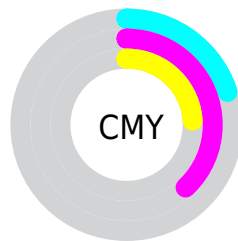


Cyan (0%)

Magenta (22%)

Yellow (4%)

Black (20%)



Cyan (20%)

Magenta (38%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB9FC2 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 CB9FC2 by changing the saturation by 10% instead.





CB9FC2



CB9FC2

FFFFFF



AF85A7



FFD6FB



946B8C



FFF2FF



7A5373



613B5A



492543



310F2D



1F0019



000000



CB9FC2



CB9FC2

 CB8BBE

 CBB3C6

 CB76BA

 CBC8CA

 CB62B6

 CBDCCE

 CB4EB1

 CBF0D3

 CB3AAD

 CBFFD7

 CB25A9

 CBFFDB

 CB11A5

 CBFFDF

 CB00A1

 CBFFE3

 CBFFE7

# Harmonies

## Analogous

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



B2A6D3



CB9FC2



D99CAC

# Triad

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



CB9FC2



BBAB7F



6AB8C4

# Complementary

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



CB9FC2



9FCBA8

# 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.



73B9AD



CB9FC2



A3B285

# Square

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



CB9FC2



CFA485



89B796



76B4D4

# Rectangle

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



CB9FC2



DB9D9C



89B796



6AB9BC



# Sweetspot

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



CB9FC2



FFEDFB



A89FCB



80757D



000000



808080



# Same Dimension

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



CB9FC2



FFBDF1



CB9FAC



665C64



A60084



26001E



# Inverse Universe

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



CB9FC2



FFBDF1



9FCBBE



665C64



A60084

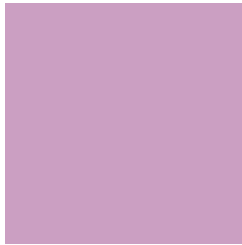


26001E



# Previews

## White Background



This preview shows how the Hex color CB9FC2 looks on a white background.

## Color Contrast Check

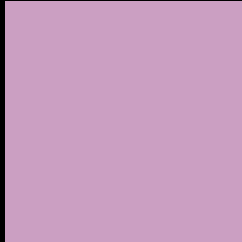
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color CB9FC2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

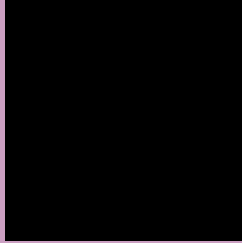
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CB9FC2 Background



This preview shows how black text looks on a background with the Hex color CB9FC2.

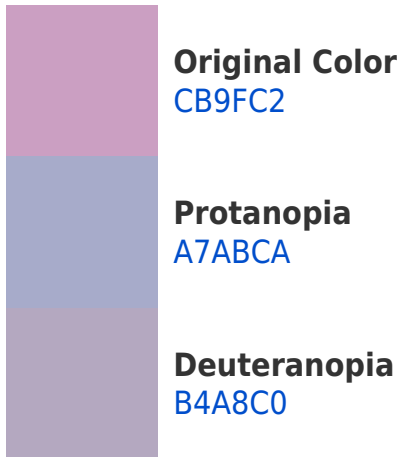


This preview shows how white text looks on a background with the Hex color CB9FC2.

# 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**  
C8A2AF

# Trichromacy



**Original Color**  
CB9FC2

**Protanomaly**  
B4A7C7

**Deuteranomaly**  
BCA5C1

**Tritanomaly**  
C9A1B6

# Monochromacy



**Original Color**  
CB9FC2

**Achromatopsia**  
B0B0B0

**Achromatomaly**  
BAAAB7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB9FC2 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 #CB9FC2 looks like.

```
.text, #text, p{  
    color:#CB9FC2  
}
```

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 #CB9FC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB9FC2
}
```

## Border

The CSS property to change the border of an element to Hex CB9FC2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

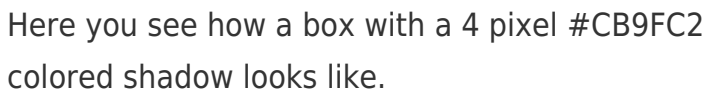
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CB9FC2 }
```

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

```
.border{ border-color:#CB9FC2 }
```

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



Here you see how a box with a 4 pixel `#CB9FC2` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB9FC2; -webkit-box-shadow:4px 4px  
4px 4px #CB9FC2; box-shadow:4px 4px 4px  
4px #CB9FC2 }
```

# Background

The CSS property to change the background color of an element to Hex CB9FC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB9FC2 }
```

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

```
.background{ background-color:#CB9FC2 }
```

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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