

# Converting Colors

Hex(CB9FB7)

Have a look what the booklet for  
Hex(CB9FB7) contains.

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# **Color**

**Hex(CB9FB7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CB9FB7
RGB	203, 159, 183
RGB Percent	80%, 62%, 72%
CMY	0.2039, 0.3765, 0.2824
CMYK	0.00, 0.22, 0.10, 0.20
HSL	327°, 30%, 71%
HSV	327°, 22%, 80%
XYZ	45.5740, 40.9117, 50.2945
YIQ	174.8920, 18.5200, 16.7920

# Conversions

## Conversions Part 2

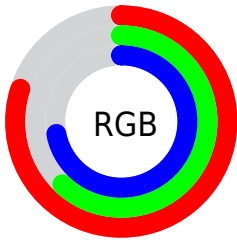
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	203, 159, 183
Decimal	13344695
CIE Lab	70.11, 20.17, -6.13
CIE LCh	70, 21.078, 343.092
Yxy	40.9117, 0.3332, 0.2991
Android (android.graphics.Color)	4291534775 (0xFFCB9FB7)
YUV	174.8920, 3.9972, 24.6507
Hunter-Lab	63.9622, 15.2498, -1.8471

# Details

The Hex color **CB9FB7** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **9FCBB3**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFD6EF**, and **946B82** is the 20% darker color. If you saturate the color by 10%, you get **CB8BAE**, and if you desaturate by 10%, it is **CBB3C0**.

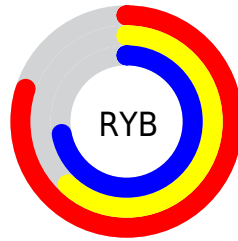
# Distribution



Red (80%)

Green (62%)

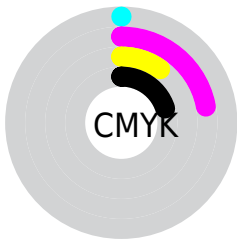
Blue (72%)



Red (80%)

Yellow (62%)

Blue (72%)

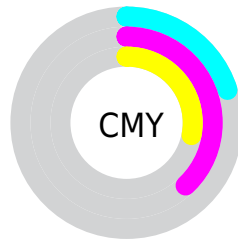


Cyan (0%)

Magenta (22%)

Yellow (10%)

Black (20%)



Cyan (20%)

Magenta (38%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB9FB7 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 CB9FB7 by changing the saturation by 10% instead.





CB9FB7



CB9FB7

FFFFFF



AF859C



FFD6EF



946B82



FFF2FF



7A5369



613B51



49253A



310F24



1F000F



000000



CB9FB7



CB9FB7

 CB8BAE

 CBB3C0

 CB76A5

 CBC8C9

 CB629B

 CBD3CD

 CB4E92

 CBF0DC

 CB3A89

 CBF0E5

 CB2580

 CBF0EE

 CB1176

 CBF0F8

 CB006F

 CBF0FF

# Harmonies

## Analogous

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



B9A4C7



CB9FB7



D39EA4

# Triad

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



CB9FB7



B1AD86



78B5C5

# Complementary

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



CB9FB7



9FCBB3

# 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.



78B6B3



CB9FB7



9CB28F

# Square

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



CB9FB7



C4A687



87B6A0



88B0CF

# Rectangle

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



CB9FB7



D29F97



87B6A0



76B6C0



# Sweetspot

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



CB9FB7



FFEDF7



B39FCB



80757B



000000



808080



# Same Dimension

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



CB9FB7



FFBDE1



CB9FA1



665C61



A6005A



260015



# Inverse Universe

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



CB9FB7



FFBDE1



9FCBC9



665C61



A6005A

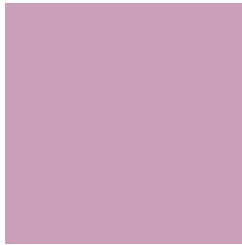


260015



# Previews

## White Background



This preview shows how the Hex color CB9FB7 looks on a white background.

## Color Contrast Check

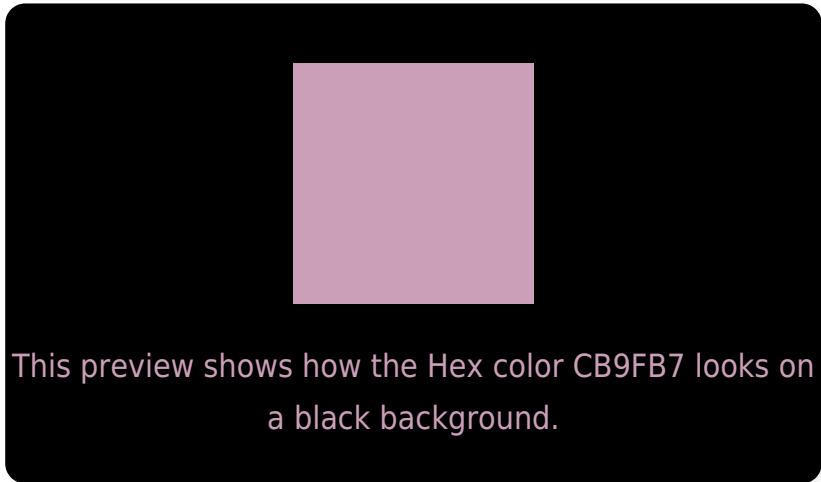
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

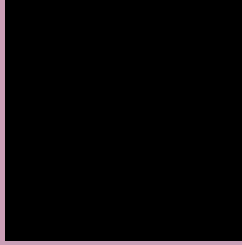
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CB9FB7 Background



This preview shows how black text looks on a background with the Hex color CB9FB7.

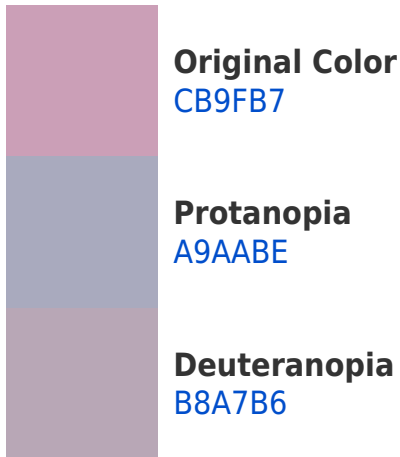


This preview shows how white text looks on a background with the Hex color CB9FB7.

# 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





# Trichromacy



**Original Color**  
CB9FB7

**Protanomaly**  
B5A6BB

**Deuteranomaly**  
BFA4B6

**Tritanomaly**  
CAA0B1

# Monochromacy



**Original Color**  
CB9FB7

**Achromatopsia**  
AFAFAF

**Achromatomaly**  
B9A9B2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB9FB7 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 #CB9FB7 looks like.

```
.text, #text, p{  
  color:#CB9FB7  
}
```

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 #CB9FB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB9FB7  
}
```

## Border

The CSS property to change the border of an element to Hex CB9FB7 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  
#CB9FB7 }
```

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

```
.border{ border-color:#CB9FB7 }
```

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

Here you see how a box with a 4 pixel #CB9FB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB9FB7; -webkit-box-shadow:4px 4px  
4px 4px #CB9FB7; box-shadow:4px 4px 4px  
4px #CB9FB7 }
```

# Background

The CSS property to change the background color of an element to Hex CB9FB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB9FB7 }
```

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

```
.background{ background-color:#CB9FB7 }
```

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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