

Converting Colors

Hex(CB9FC9)

Have a look what the booklet for
Hex(CB9FC9) contains.

Hex(CB9FC9)	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(CB9FC9)

Conversions

Conversions Part 1

Format	Color
Hex	CB9FC9
RGB	203, 159, 201
RGB Percent	80%, 62%, 79%
CMY	0.2039, 0.3765, 0.2118
CMYK	0.00, 0.22, 0.01, 0.20
HSL	303°, 30%, 71%
HSV	303°, 22%, 80%
XYZ	47.5694, 41.7098, 60.8020
YIQ	176.9440, 12.7420, 22.3900

Conversions

Conversions Part 2

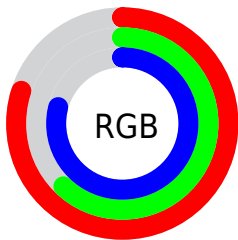
Format	Color
R_{YB}	203, 159, 201
Decimal	13344713
CIE _{Lab}	70.67, 23.40, -15.26
CIE _{LCh}	71, 27.937, 326.882
Yxy	41.7098, 0.3170, 0.2779
Android (android.graphics.Color)	4291534793 (0xFFCB9FC9)
YUV	176.9440, 11.8596, 22.8511
Hunter-Lab	64.5831, 18.4554, -10.6105

Details

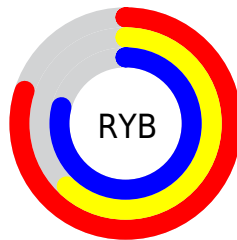
The Hex color **CB9FC9** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9FCBA1**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFD6FF**, and **946B93** is the 20% darker color. If you saturate the color by 10%, you get **CB8BC8**, and if you desaturate by 10%, it is **CBB3CA**.

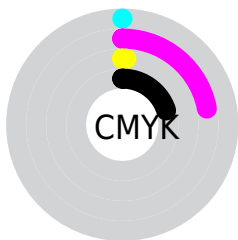
Distribution



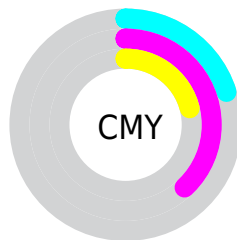
- Red (80%)
- Green (62%)
- Blue (79%)



- Red (80%)
- Yellow (62%)
- Blue (79%)



- Cyan (0%)
- Magenta (22%)
- Yellow (1%)
- Black (20%)



- Cyan (20%)
- Magenta (38%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB9FC9 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 CB9FC9 by changing the saturation by 10% instead.

 CB9FC9

 CB9FC9

FFFFFF

 AF85AE

 FFD6FF

 946B93

 FFF2FF

 7A5379

 613B60

 492448

 310F32

 1F001D

 000000

 CB9FC9

 CB9FC9

 CB8BC8

 CBB3CA

 CB76C7

 CBC8CB

 CB62C6

 CBDCCC

 CB4EC5

 CBF0CD

 CB3AC4

 CBFFCE

 CB25C3

 CBFFCF

 CB11C3

 CBFFD0

 CB00C2

 CBFFD1

Harmonies

Analogous

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



ADA7DA



CB9FC9



DD9AB1

Triad

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



CB9FC9



C2AA7A



5FBBC3

Complementary

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



CB9FC9



9FCBA1

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.



6EBBA9



CB9FC9



A7B27F

Square

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



CB9FC9



D6A283



8AB890



69B7D7

Rectangle

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



CB9FC9



E09B9F



8AB890



62BBBB

Sweetspot

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



CB9FC9



FFEDFE



A09FCB



80757F



000000



808080

Same Dimension

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



CB9FC9



FFBDFC



CB9FB4



665C66



A6009E



260025

Inverse Universe

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



CB9FC9



FFBDFC



9FCBB6



665C66



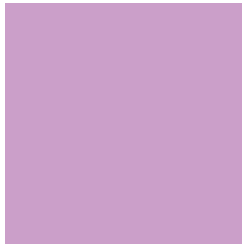
A6009E



260025

Previews

White Background



This preview shows how the Hex color CB9FC9 looks on a white background.

Color Contrast Check

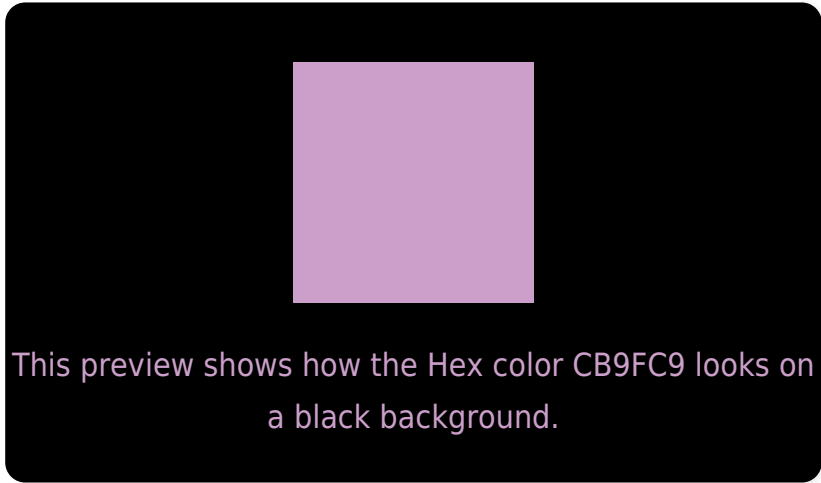
Large Text (above 18pt) WCAG AA × Fail

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 CB9FC9 Background



This preview shows how black text looks on a background with the Hex color CB9FC9.

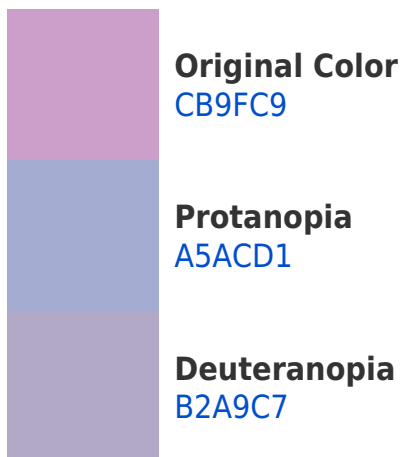



This preview shows how white text looks on a background with the Hex color CB9FC9.

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
C8A3B0

Trichromacy



Original Color
CB9FC9

Protanomaly
B3A7CE

Deuteranomaly
BBA5C8

Tritanomaly
C9A2B9

Monochromacy



Original Color
CB9FC9

Achromatopsia
B1B1B1

Achromatomaly
BAAABA

CSS Examples

Text

The CSS property to change the color of the text to Hex CB9FC9 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 #CB9FC9 looks like.

```
.text, #text, p{  
    color:#CB9FC9  
}
```

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 #CB9FC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB9FC9
}
```

Border

The CSS property to change the border of an element to Hex CB9FC9 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
#CB9FC9 }
```

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

```
.border{ border-color:#CB9FC9 }
```

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

Here you see how a box with a 4 pixel #CB9FC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB9FC9; -webkit-box-shadow:4px 4px  
4px 4px #CB9FC9; box-shadow:4px 4px 4px  
4px #CB9FC9 }
```

Background

The CSS property to change the background color of an element to Hex CB9FC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB9FC9 }
```

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

```
.background{ background-color:#CB9FC9 }
```

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