

# Converting Colors

Hex(CB9AF4)

Have a look what the booklet for  
Hex(CB9AF4) contains.

<b>Hex(CB9AF4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(CB9AF4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB9AF4
RGB	203, 154, 244
RGB Percent	80%, 60%, 96%
CMY	0.2039, 0.3961, 0.0431
CMYK	0.17, 0.37, 0.00, 0.04
HSL	273°, 80%, 78%
HSV	273°, 37%, 96%
XYZ	52.5133, 42.3394, 90.9925
YIQ	178.9110, 0.3140, 38.3780

# Conversions

## Conversions Part 2

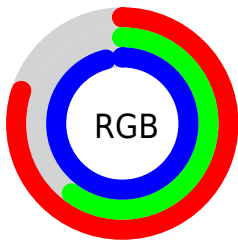
Format	Color
R <sub>Y</sub> B	203, 154, 244
Decimal	13343476
CIE Lab	71.10, 34.83, -38.20
CIE LCh	71, 51.699, 312.355
Yxy	42.3394, 0.2826, 0.2278
Android (android.graphics.Color)	4291533556 (0xFFCB9AF4)
YUV	178.9110, 32.0889, 21.1261
Hunter-Lab	65.0687, 30.1872, -37.3634

# Details

The Hex color **CB9AF4** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **C3F49A**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFD1FF**, and **9366BB** is the 20% darker color. If you saturate the color by 10%, you get **C082F4**, and if you desaturate by 10%, it is **D6B2F4**.

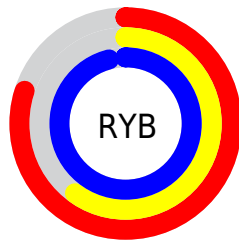
# Distribution



Red (80%)

Green (60%)

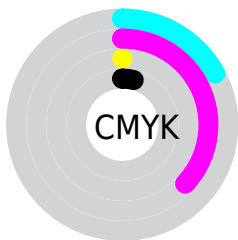
Blue (96%)



Red (80%)

Yellow (60%)

Blue (96%)

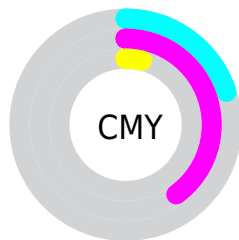


Cyan (17%)

Magenta (37%)

Yellow (0%)

Black (4%)



Cyan (20%)

Magenta (40%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB9AF4 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 CB9AF4 by changing the saturation by 10% instead.



 CB9AF4

 CB9AF4

FFFFFF

 AF80D7

 FFD1FF

 9366BB


 FFEDFF

 794DA0

 5E3586

 451E6C

 2C0653

 17003C

 000225

 00010D

 CB9AF4

 CB9AF4

 C082F4

 D6B2F4

 B569F4

 E1CBF4

 AA51F4

 ECE3F4

 9F38F4

 F7FCF4

 9320F4

 FFFFF4

 8808F4

 8500F4

# Harmonies

## Analogous

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



82ACFF



CB9AF4



F78ACC

# Triad

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



CB9AF4



E1A253



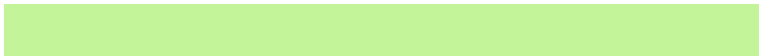
00C6C1

# Complementary

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



CB9AF4



C3F49A

# 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.



38C490



CB9AF4



B7B24E

# Square

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



CB9AF4



FE9171



83BD66



00C3EC

# Rectangle

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



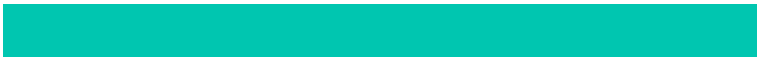
CB9AF4



FF86AC



83BD66



00C6B0



# Sweetspot

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



CB9AF4



F2E3FF



9AC4F4



786F80



000000



808080



# Same Dimension

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



CB9AF4



CC8FFF



F49AF1



756E7A



6500BA



20003B



# Inverse Universe

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



F49AC3



FF8FC2



9AF49D



7A6E74



BA0055

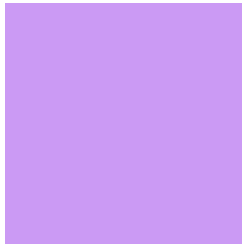


3B001B



# Previews

## White Background



This preview shows how the Hex color CB9AF4 looks on a white background.

## Color Contrast Check

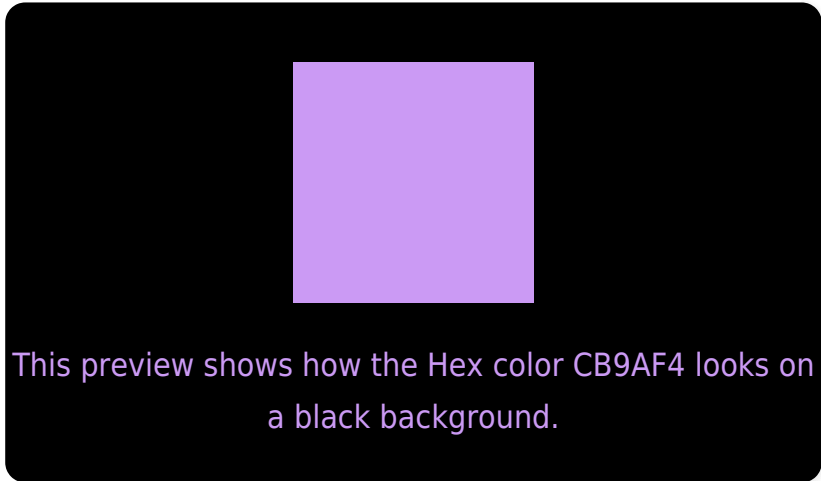
Large Text (above 18pt) WCAG AA × Fail

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

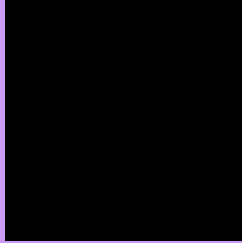
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CB9AF4 Background



This preview shows how black text looks on a background with the Hex color CB9AF4.

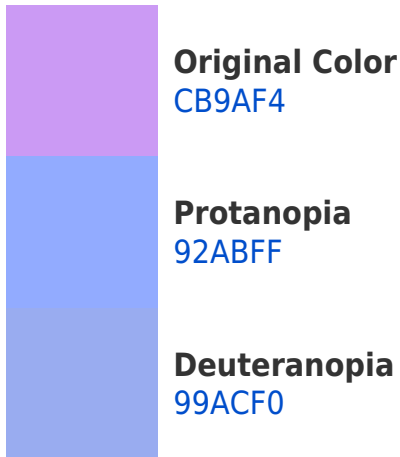


This preview shows how white text looks on a background with the Hex color CB9AF4.

# 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](#).

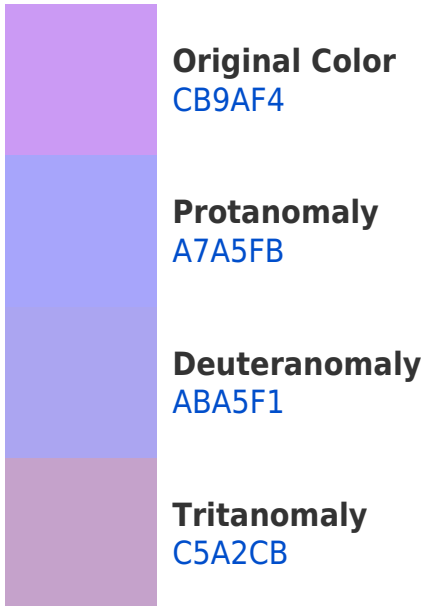
## Dichromacy



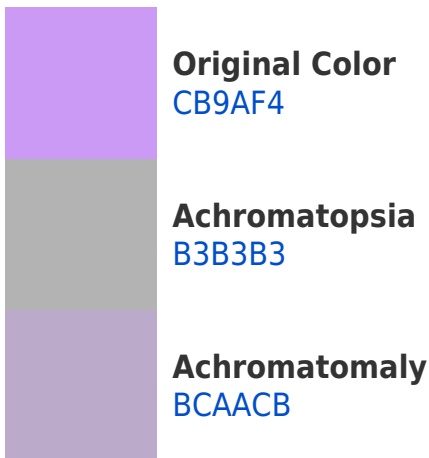


**Tritanopia**  
C1A7B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB9AF4 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 #CB9AF4 looks like.

```
.text, #text, p{  
    color:#CB9AF4  
}
```

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 #CB9AF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB9AF4
}
```

## Border

The CSS property to change the border of an element to Hex CB9AF4 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
#CB9AF4 }
```

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

```
.border{ border-color:#CB9AF4 }
```

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

Here you see how a box with a 4 pixel #CB9AF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB9AF4; -webkit-box-shadow:4px 4px  
4px 4px #CB9AF4; box-shadow:4px 4px 4px  
4px #CB9AF4 }
```

# Background

The CSS property to change the background color of an element to Hex CB9AF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB9AF4 }
```

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

```
.background{ background-color:#CB9AF4 }
```

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