

# Converting Colors

Hex(C99CFB)

Have a look what the booklet for  
Hex(C99CFB) contains.

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# Color

**Hex(C99CFB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C99CFB
RGB	201, 156, 251
RGB Percent	79%, 61%, 98%
CMY	0.2118, 0.3882, 0.0157
CMYK	0.20, 0.38, 0.00, 0.02
HSL	268°, 92%, 80%
HSV	268°, 38%, 98%
XYZ	53.3884, 43.1595, 96.7835
YIQ	180.2850, -3.6750, 39.0850

# Conversions

## Conversions Part 2

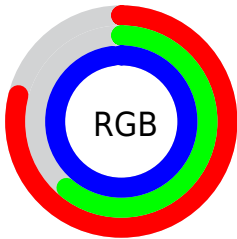
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	201, 156, 251
Decimal	13212923
CIE <sub>Lab</sub>	71.66, 34.69, -41.16
CIE <sub>LCh</sub>	72, 53.825, 310.126
Yxy	43.1595, 0.2761, 0.2232
Android (android.graphics.Color)	4291403003 (0xFFC99CFB)
YUV	180.2850, 34.8625, 18.1671
Hunter-Lab	65.6959, 30.0921, -41.3592

# Details

The Hex color **C99CFB** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **CEFB9C**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFD3FF**, and **9168C2** is the 20% darker color. If you saturate the color by 10%, you get **BC83FB**, and if you desaturate by 10%, it is **D6B5FB**.

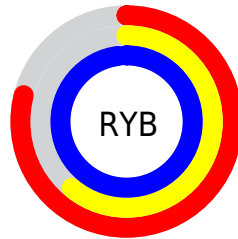
# Distribution



Red (79%)

Green (61%)

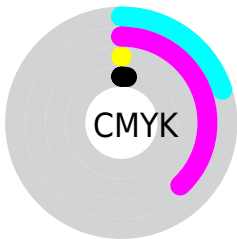
Blue (98%)



Red (79%)

Yellow (61%)

Blue (98%)

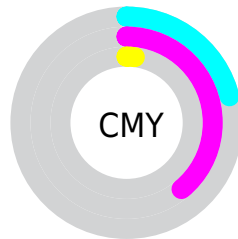


Cyan (20%)

Magenta (38%)

Yellow (0%)

Black (2%)



Cyan (21%)

Magenta (39%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C99CFB 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 C99CFB by changing the saturation by 10% instead.



 C99CFB

 C99CFB

FFFFFF

 AD82DE

 FFD3FF

 9168C2

 FFF0FF

 764FA7

 5C378C

 422072

 280859

 110041

 00032A

 000114

 C99CFB

 C99CFB

 BC83FB

 D6B5FB

 AF6AFB

 E3CEFB

 A151FB

 F1E7FB

 9438FB

 FEFFFF

 871FFB

 FFFFFB

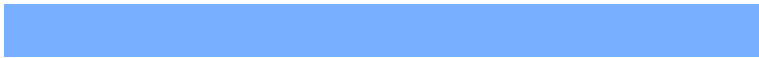
 7A05FB

 7700FB

# Harmonies

## Analogous

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



79AFFF



C99CFB



F98BD2

# Triad

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



C99CFB



E7A152



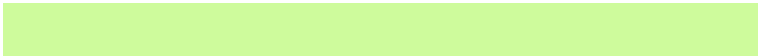
00C8BF

# Complementary

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



C99CFB



CEFB9C

# 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.



39C68C



C99CFB



BCB24A

# Square

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



C99CFB



FF8F73



87BF61



00C6EE

# Rectangle

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



C99CFB



FF85B1



87BF61



00C8AE



# Sweetspot

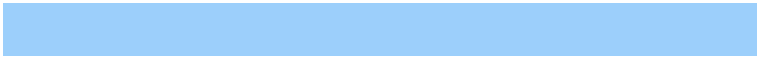
The Sweet Spot groups the original color and five complimentary colors.



C99CFB



F0E3FF



9CCFFB



776F80



000000



808080



# Same Dimension

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



C99CFB



C38CFF



F89CFB



76707D



5900BD



1D003D



# Inverse Universe

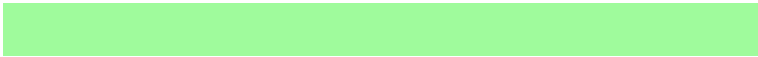
The Inverse Universe completely reimagines the original color for something new.



FB9CCE



FF8CC9



9FFB9C



7D7077



BD0063

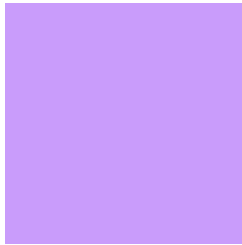


3D0020



# Previews

## White Background



This preview shows how the Hex color C99CFB looks on a white background.

## Color Contrast Check

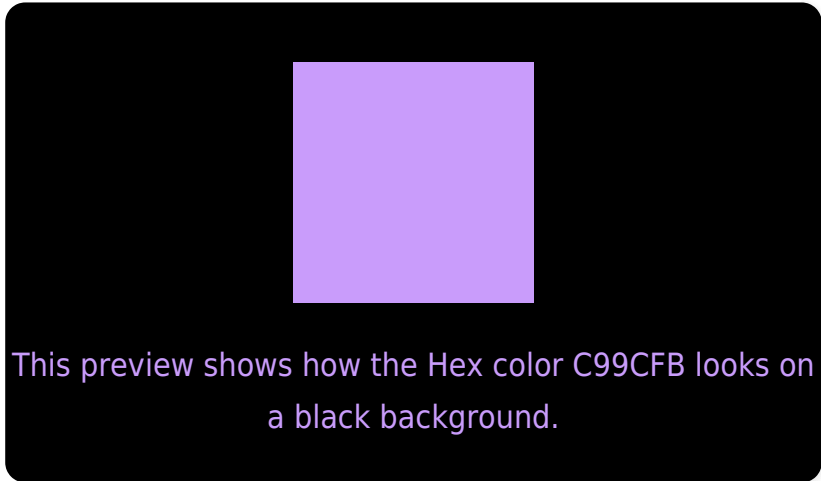
Large Text (above 18pt) WCAG AA × Fail

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

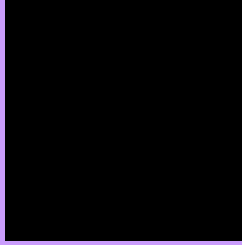
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C99CFB Background



This preview shows how black text looks on a background with the Hex color C99CFB.

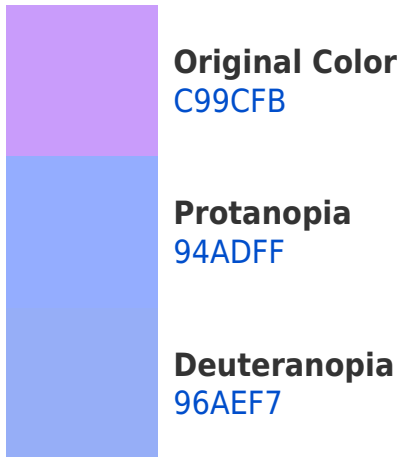


This preview shows how white text looks on a background with the Hex color C99CFB.

# 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**  
BDAAB7

# Trichromacy



**Original Color**  
C99CFB



**Protanomaly**  
A7A7FE



**Deuteranomaly**  
A9A7F8



**Tritanomaly**  
C1A5D0

# Monochromacy



**Original Color**  
C99CFB



**Achromatopsia**  
B4B4B4



**Achromatomaly**  
BCABCE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C99CFB 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 #C99CFB looks like.

```
.text, #text, p{  
    color:#C99CFB  
}
```

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 #C99CFB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C99CFB
}
```

## Border

The CSS property to change the border of an element to Hex C99CFB 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
#C99CFB }
```

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

```
.border{ border-color:#C99CFB }
```

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

Here you see how a box with a 4 pixel #C99CFB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C99CFB; -webkit-box-shadow:4px 4px  
4px 4px #C99CFB; box-shadow:4px 4px 4px  
4px #C99CFB }
```

# Background

The CSS property to change the background color of an element to Hex C99CFB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C99CFB }
```

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

```
.background{ background-color:#C99CFB }
```

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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