

# Converting Colors

Hex(C99CFD)

Have a look what the booklet for  
Hex(C99CFD) contains.

<b>Hex(C99CFD)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(C99CFD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C99CFD
RGB	201, 156, 253
RGB Percent	79%, 61%, 99%
CMY	0.2118, 0.3882, 0.0078
CMYK	0.21, 0.38, 0.00, 0.01
HSL	268°, 96%, 80%
HSV	268°, 38%, 99%
XYZ	53.7055, 43.2863, 98.4530
YIQ	180.5130, -4.3170, 39.7070

# Conversions

## Conversions Part 2

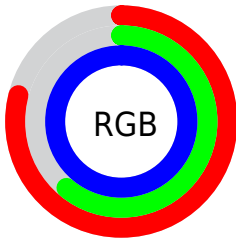
Format	Color
R <sub>Y</sub> B	201, 156, 253
Decimal	13212925
CIE <sub>Lab</sub>	71.75, 35.13, -42.11
CIE <sub>LCh</sub>	72, 54.840, 309.841
Yxy	43.2863, 0.2748, 0.2215
Android (android.graphics.Color)	4291403005 (0xFFC99CFD)
YUV	180.5130, 35.7361, 17.9671
Hunter-Lab	65.7923, 30.5709, -42.6682

# Details

The Hex color **C99CFD** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **D0FD9C**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFD3FF**, and **9168C4** is the 20% darker color. If you saturate the color by 10%, you get **BB83FD**, and if you desaturate by 10%, it is **D7B5FD**.

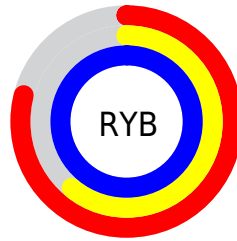
# Distribution



Red (79%)

Green (61%)

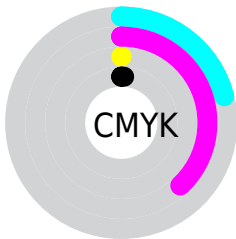
Blue (99%)



Red (79%)

Yellow (61%)

Blue (99%)

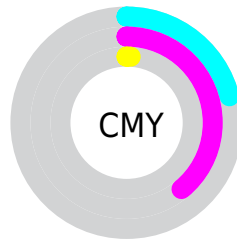


Cyan (21%)

Magenta (38%)

Yellow (0%)

Black (1%)



Cyan (21%)

Magenta (39%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C99CFD 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 C99CFD by changing the saturation by 10% instead.



 C99CFD

 C99CFD

FFFFFF

 AD82E0

 FFD3FF

 9168C4

 FFF0FF

 764FA8

 5C378E

 422074

 28085B

 100043

 00032B

 000116

 C99CFD

 C99CFD

 BB83FD

 D7B5FD

 AE69FD

 E4CFFD

 A050FD

 F2E8FD

 9337FD

FFFFFFD

 851EFD

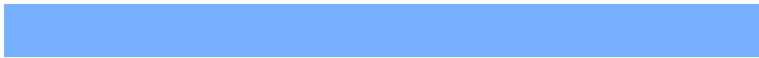
 7804FD

 7500FD

# Harmonies

## Analogous

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



76B0FF



C99CFD



FA8AD3

# Triad

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



C99CFD



E8A151



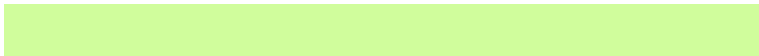
00C9BF

# Complementary

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



C99CFD



D0FD9C

# 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.



36C78C



C99CFD



BDB248

# Square

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



C99CFD



FF8F72



87BF60



00C7EF

# Rectangle

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



C99CFD



FF85B2



87BF60



00C9AE



# Sweetspot

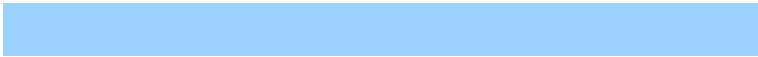
The Sweet Spot groups the original color and five complimentary colors.



C99CFD



EFE0FF



9CD1FD



766E80



000000



808080



# Same Dimension

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



C99CFD



C08AFF



F89CFD



797380



5900BF



1E0040



# Inverse Universe

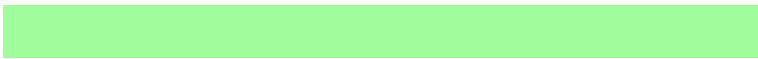
The Inverse Universe completely reimagines the original color for something new.



FD9CD0



FF8AC9



A1FD9C



80737A



BF0067

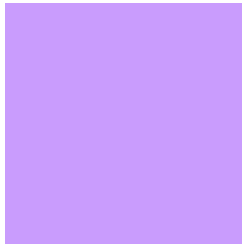


400022



# Previews

## White Background



This preview shows how the Hex color C99CFD looks on a white background.

## Color Contrast Check

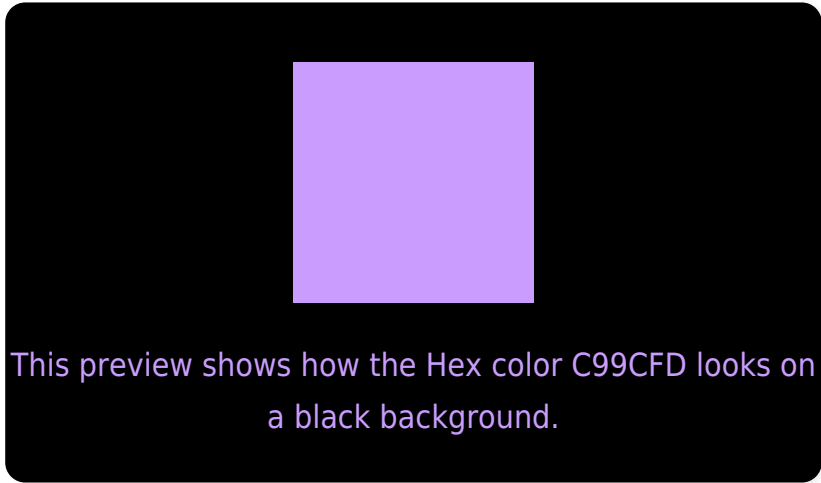
Large Text (above 18pt) WCAG AA × Fail

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

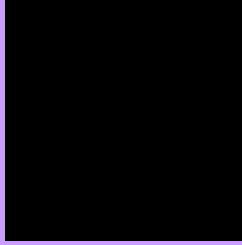
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C99CFD Background



This preview shows how black text looks on a background with the Hex color C99CFD.

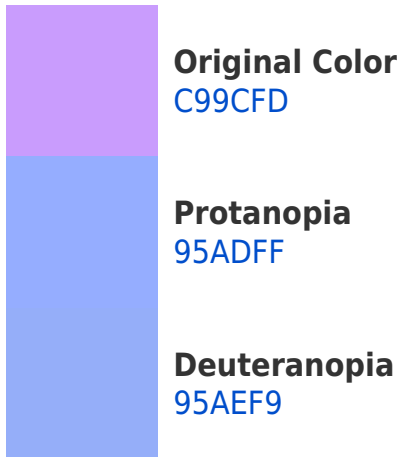


This preview shows how white text looks on a background with the Hex color C99CFD.

# 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**  
C99CFD



**Protanomaly**  
A8A7FE



**Deuteranomaly**  
A8A7FA



**Tritanomaly**  
C1A6D1

# Monochromacy



**Original Color**  
C99CFD



**Achromatopsia**  
B5B5B5



**Achromatomaly**  
BCACCF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C99CFD 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 #C99CFD looks like.

```
.text, #text, p{  
    color:#C99CFD  
}
```

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 #C99CFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C99CFD
}
```

## Border

The CSS property to change the border of an element to Hex C99CFD 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
#C99CFD }
```

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

```
.border{ border-color:#C99CFD }
```

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

Here you see how a box with a 4 pixel #C99CFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C99CFD; -webkit-box-shadow:4px 4px  
4px 4px #C99CFD; box-shadow:4px 4px 4px  
4px #C99CFD }
```

# Background

The CSS property to change the background color of an element to Hex C99CFD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C99CFD }
```

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

```
.background{ background-color:#C99CFD }
```

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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