

# Converting Colors

Hex(CE9AFD)

Have a look what the booklet for  
Hex(CE9AFD) contains.

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# Color

**Hex(CE9AFD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CE9AFD
RGB	206, 154, 253
RGB Percent	81%, 60%, 99%
CMY	0.1922, 0.3961, 0.0078
CMYK	0.19, 0.39, 0.00, 0.01
HSL	272°, 96%, 80%
HSV	272°, 39%, 99%
XYZ	54.7388, 43.3249, 98.4060
YIQ	180.8340, -0.7870, 41.8130

# Conversions

## Conversions Part 2

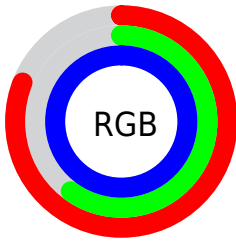
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	206, 154, 253
Decimal	13540093
CIE <sub>Lab</sub>	71.77, 37.66, -42.03
CIE <sub>LCh</sub>	72, 56.432, 311.857
Yxy	43.3249, 0.2786, 0.2205
Android (android.graphics.Color)	4291730173 (0xFFCE9AFD)
YUV	180.8340, 35.5778, 22.0706
Hunter-Lab	65.8216, 33.2570, -42.5658

# Details

The Hex color **CE9AFD** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **C9FD9A**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFD1FF**, and **9666C4** is the 20% darker color. If you saturate the color by 10%, you get **C281FD**, and if you desaturate by 10%, it is **DAB3FD**.

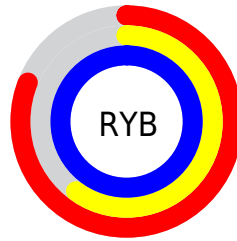
# Distribution



Red (81%)

Green (60%)

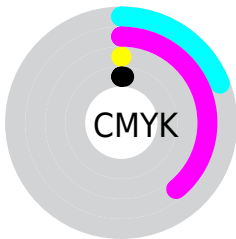
Blue (99%)



Red (81%)

Yellow (60%)

Blue (99%)

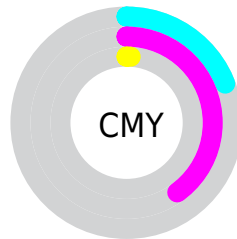


Cyan (19%)

Magenta (39%)

Yellow (0%)

Black (1%)



Cyan (19%)

Magenta (40%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE9AFD 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 CE9AFD by changing the saturation by 10% instead.



 CE9AFD

 CE9AFD

FFFFFF

 B280E0

 FFD1FF

 9666C4

 FFE0FF

 7B4DA8

 60358E

 461D74

 2C045B

 150043

 00012B

 000116

 CE9AFD

 CE9AFD

 C281FD

 DAB3FD

 B667FD

 E6CDFD

 AA4EFD

 F2E6FD

 9E35FD

FEFFFF

 921BFD

FFFFFFD

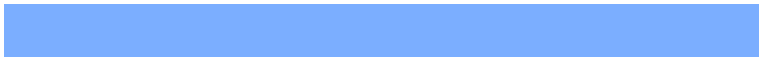
 8602FD

 8500FD

# Harmonies

## Analogous

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



7BAEFF



CE9AFD



FE88D1

# Triad

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



CE9AFD



E7A24C



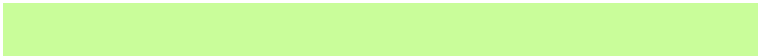
00CAC3

# Complementary

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



CE9AFD



C9FD9A

# 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.



21C78E



CE9AFD



BAB445

# Square

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



CE9AFD



FF8F6E



81C060



00C7F3

# Rectangle

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



CE9AFD



FF83AF



81C060



00C9B2



# Sweetspot

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



CE9AFD



F0E0FF



9ACAFD



776E80



000000



808080



# Same Dimension

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



CE9AFD



C687FF



FD9AFB



797380



6400BF



210040



# Inverse Universe

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



FD9AC9



FF87C0



9AFD9C



807379



BF005B

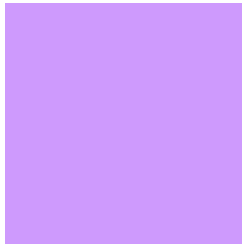


40001E



# Previews

## White Background



This preview shows how the Hex color CE9AFD looks on a white background.

## Color Contrast Check

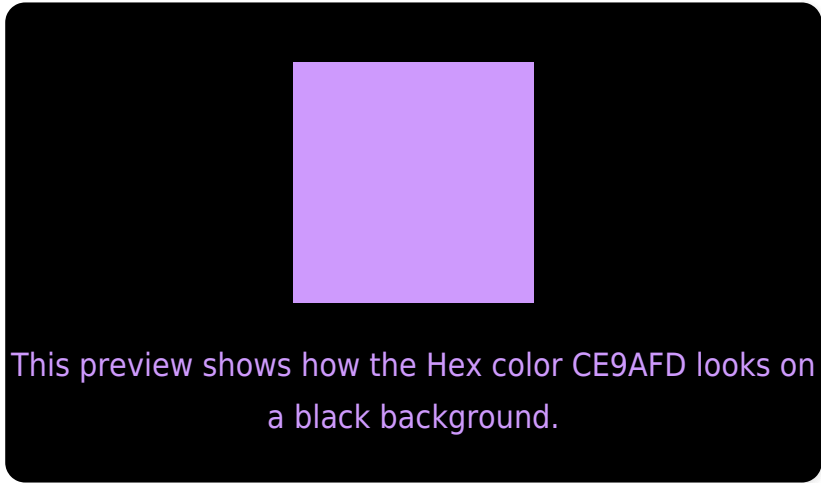
Large Text (above 18pt) WCAG AA × Fail

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 CE9AFD Background



This preview shows how black text looks on a background with the Hex color CE9AFD.

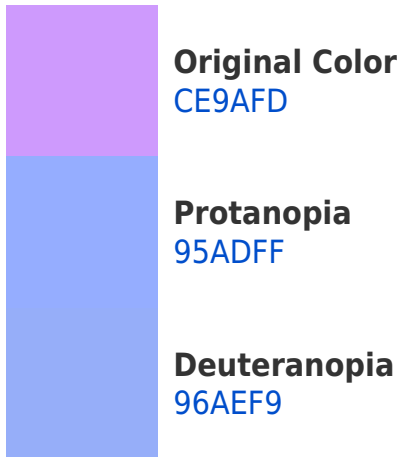


This preview shows how white text looks on a background with the Hex color CE9AFD.

# 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](#).

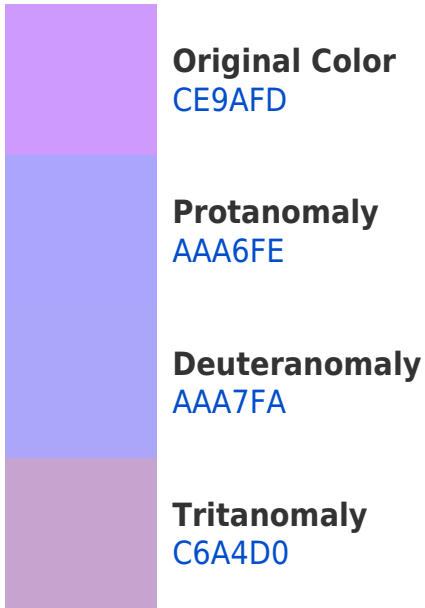
## Dichromacy



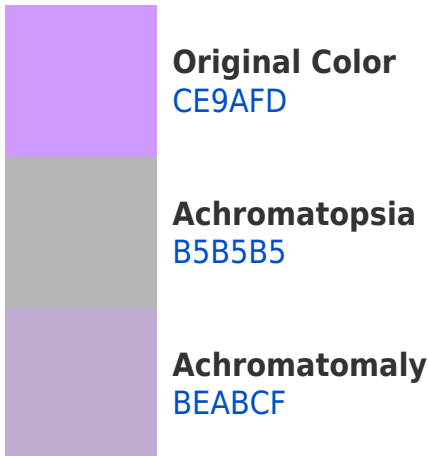


**Tritanopia**  
C2A9B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE9AFD 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 #CE9AFD looks like.

```
.text, #text, p{  
    color:#CE9AFD  
}
```

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 #CE9AFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE9AFD
}
```

## Border

The CSS property to change the border of an element to Hex CE9AFD 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
#CE9AFD }
```

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

```
.border{ border-color:#CE9AFD }
```

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

Here you see how a box with a 4 pixel #CE9AFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE9AFD; -webkit-box-shadow:4px 4px  
4px 4px #CE9AFD; box-shadow:4px 4px 4px  
4px #CE9AFD }
```

# Background

The CSS property to change the background color of an element to Hex CE9AFD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE9AFD }
```

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

```
.background{ background-color:#CE9AFD }
```

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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