

# Converting Colors

Hex(CA7CFC)

Have a look what the booklet for Hex(CA7CFC) contains.

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# Color

**Hex(CA7CFC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CA7CFC
RGB	202, 124, 252
RGB Percent	79%, 49%, 99%
CMY	0.2078, 0.5137, 0.0118
CMYK	0.20, 0.51, 0.00, 0.01
HSL	277°, 96%, 74%
HSV	277°, 51%, 99%
XYZ	49.1355, 34.0001, 96.0684
YIQ	161.9140, 5.4000, 56.3440

# Conversions

## Conversions Part 2

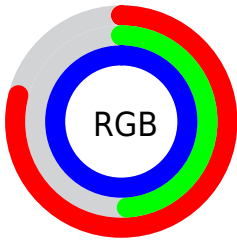
Format	Color
R <sub>Y</sub> B	202, 124, 252
Decimal	13270268
CIE Lab	64.96, 52.31, -52.23
CIE LCh	65, 73.924, 315.042
Yxy	34.0001, 0.2742, 0.1897
Android (android.graphics.Color)	4291460348 (0xFFCA7CFC)
YUV	161.9140, 44.4124, 35.1554
Hunter-Lab	58.3096, 48.3738, -56.8669

# Details

The Hex color **CA7CFC** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **AEFC7C**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFB3FF**, and **9147C3** is the 20% darker color. If you saturate the color by 10%, you get **C063FC**, and if you desaturate by 10%, it is **D495FC**.

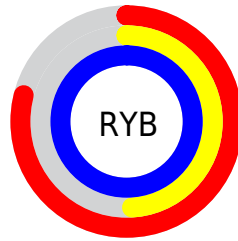
# Distribution



Red (79%)

Green (49%)

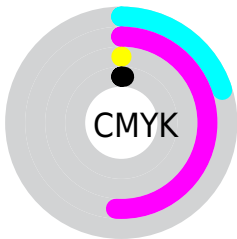
Blue (99%)



Red (79%)

Yellow (49%)

Blue (99%)

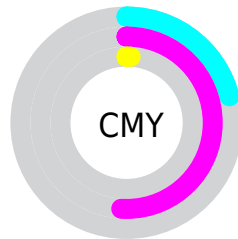


Cyan (20%)

Magenta (51%)

Yellow (0%)

Black (1%)



Cyan (21%)

Magenta (51%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA7CFC 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 CA7CFC by changing the saturation by 10% instead.



 CA7CFC

 CA7CFC

FFFFFF

 AD62DF

 FFB3FF

 9147C3

 FFCFFF

 752DA7

 FFECHF

 5A0F8C

 3E0072

 220059

 000041

 000329

 000113

CA7CFC

CA7CFC

C063FC

D495FC

B64AFC

DEAEFC

AC30FC

E8C8FC

A317FC

F1E1FC

9A00FC

FBFAFC

FFFFFC

# Harmonies

## Analogous

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



4B9AFF



CA7CFC



FF5EC2

# Triad

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



CA7CFC



D88E00



00BCBE

# Complementary

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



CA7CFC



AEFC7C

# 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.



00BA79



CA7CFC



9EA500

# Square

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



CA7CFC



FF7141



4EB337



00B9FA

# Rectangle

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



CA7CFC



FF5795



4EB337



00BCA7



# Sweetspot

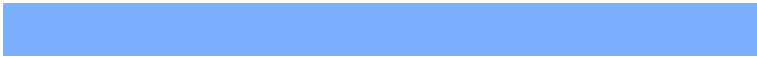
The Sweet Spot groups the original color and five complimentary colors.



CA7CFC



F0D9FF



7CAFFC



776980



000000



808080



# Same Dimension

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



CA7CFC



C263FF



FC7CEF



78707D



7300BD



25003D



# Inverse Universe

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



FC7CAE



FF63A0



7CFC89



7D7075



BD004A

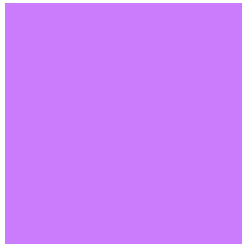


3D0018



# Previews

## White Background



This preview shows how the Hex color CA7CFC looks on a white background.

## Color Contrast Check

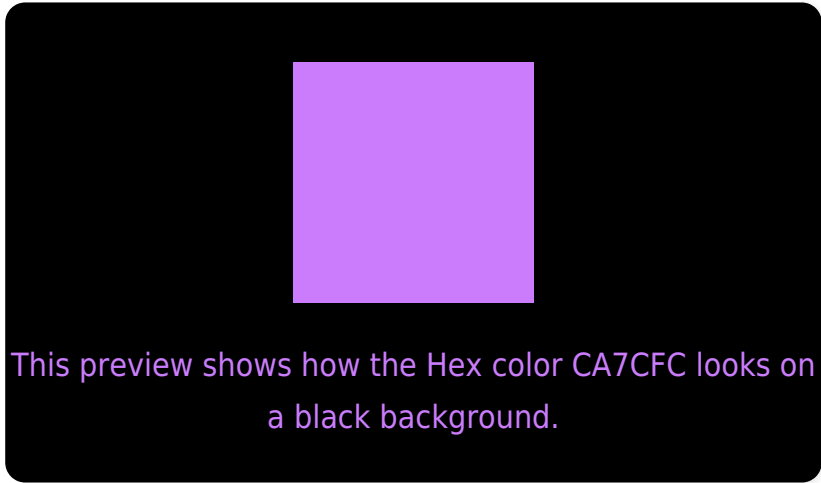
Large Text (above 18pt) WCAG AA × Fail

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

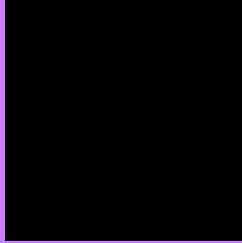
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CA7CFC Background



This preview shows how black text looks on a background with the Hex color CA7CFC.

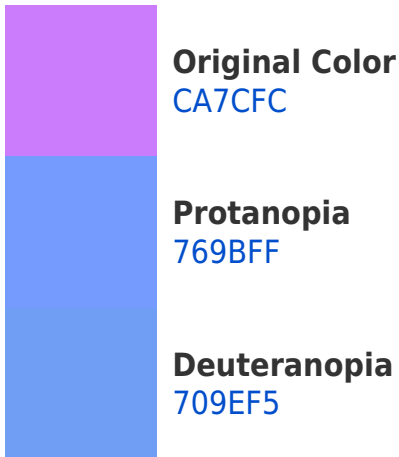


This preview shows how white text looks on a background with the Hex color CA7CFC.

# 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](#).

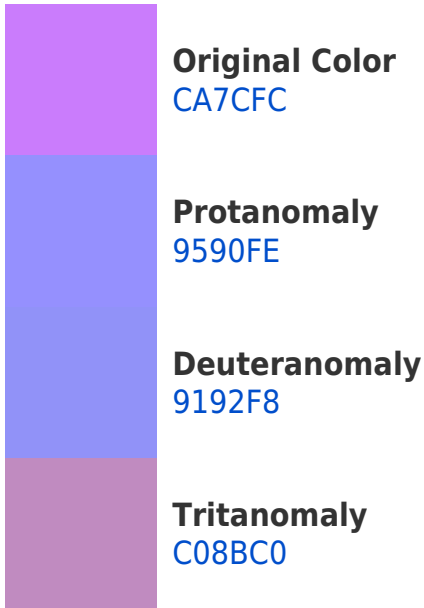
## Dichromacy



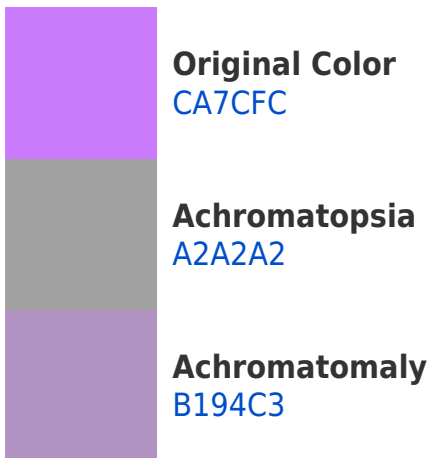


**Tritanopia**  
BB939E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA7CFC 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 #CA7CFC looks like.

```
.text, #text, p{  
    color:#CA7CFC  
}
```

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 #CA7CFC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA7CFC
}
```

## Border

The CSS property to change the border of an element to Hex CA7CFC 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
#CA7CFC }
```

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

```
.border{ border-color:#CA7CFC }
```

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

Here you see how a box with a 4 pixel #CA7CFC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA7CFC; -webkit-box-shadow:4px 4px  
4px 4px #CA7CFC; box-shadow:4px 4px 4px  
4px #CA7CFC }
```

# Background

The CSS property to change the background color of an element to Hex CA7CFC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA7CFC }
```

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

```
.background{ background-color:#CA7CFC }
```

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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