

# Converting Colors

Hex(CA74F8)

Have a look what the booklet for  
Hex(CA74F8) contains.

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# Color

**Hex(CA74F8)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | CA74F8                    |
| RGB           | 202, 116, 248             |
| RGB Percent   | 79%, 45%, 97%             |
| CMY           | 0.2078, 0.5451, 0.0275    |
| CMYK          | 0.19, 0.53, 0.00, 0.03    |
| HSL           | 279°, 90%, 71%            |
| HSV           | 279°, 53%, 97%            |
| XYZ           | 47.5458, 31.8246, 92.4438 |
| YIQ           | 156.7620, 8.8840, 59.2840 |

# Conversions

## Conversions Part 2

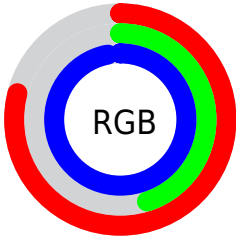
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>YB</sub>                     | 202, 116, 248                 |
| Decimal                             | 13268216                      |
| CIE <sub>Lab</sub>                  | 63.20, 55.54, -52.83          |
| CIE <sub>LCh</sub>                  | 63, 76.657, 316.432           |
| Yxy                                 | 31.8246, 0.2767,<br>0.1852    |
| Android<br>(android.graphics.Color) | 4291458296<br>(0xFFCA74F8)    |
| YUV                                 | 156.7620, 44.9803,<br>39.6737 |
| Hunter-Lab                          | 56.4133, 51.7184,<br>-57.6684 |

# Details

The Hex color **CA74F8** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **A2F874**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFABFF**, and **913FBF** is the 20% darker color. If you saturate the color by 10%, you get **C15BF8**, and if you desaturate by 10%, it is **D38DF8**.

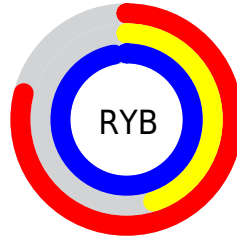
# Distribution



Red (79%)

Green (45%)

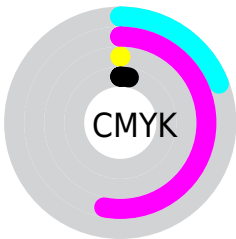
Blue (97%)



Red (79%)

Yellow (45%)

Blue (97%)

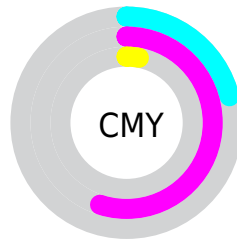


Cyan (19%)

Magenta (53%)

Yellow (0%)

Black (3%)



Cyan (21%)

Magenta (55%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA74F8 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 CA74F8 by changing the saturation by 10% instead.



 CA74F8

 CA74F8

FFFFFF

 AD59DB

 FFABFF

 913FBF

 FFC7FF

 7523A3

 FFE4FF

 590088

 3E006E

 230055

 00003D

 000326

 00010F

CA74F8

CA74F8

C15BF8

D38DF8

B942F8

DBA6F8

B02AF8

E4BEF8

A711F8

EDD7F8

A200F8

F5F0F8

FEFFF8

FFFFF8

# Harmonies

## Analogous

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



4694FF



CA74F8



FF54BB

# Triad

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



CA74F8



D18B00



00B8BE

# Complementary

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



CA74F8



A2F874

# 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.



00B677



CA74F8



95A100

# Square

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



CA74F8



FD6C36



3DAF30



00B5FB

# Rectangle

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



CA74F8



FF4C8D



3DAF30



00B8A6



# Sweetspot

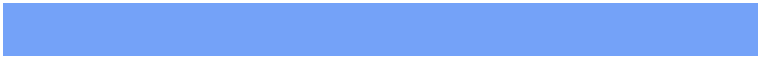
The Sweet Spot groups the original color and five complimentary colors.



CA74F8



F1D6FF



74A2F8



776780



000000



808080



# Same Dimension

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



CA74F8



C65CFF



F874E4



79707D



7B00BD



28003D



# Inverse Universe

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



F874A2



FF5C95



74F888



7D7075



BD0042

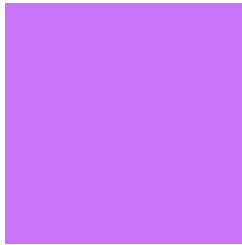


3D0015



# Previews

## White Background



This preview shows how the Hex color CA74F8 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

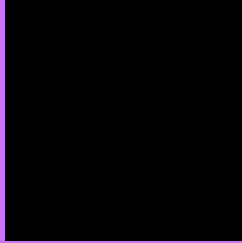
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CA74F8 Background



This preview shows how black text looks on a background with the Hex color CA74F8.

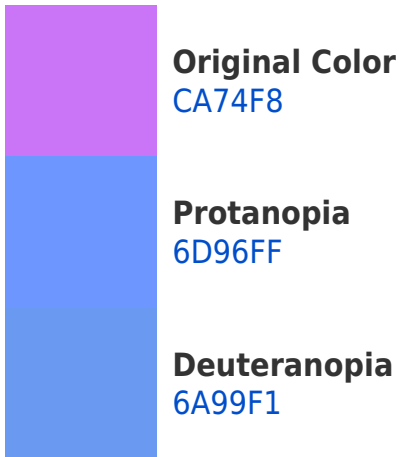


This preview shows how white text looks on a background with the Hex color CA74F8.

# 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](#).

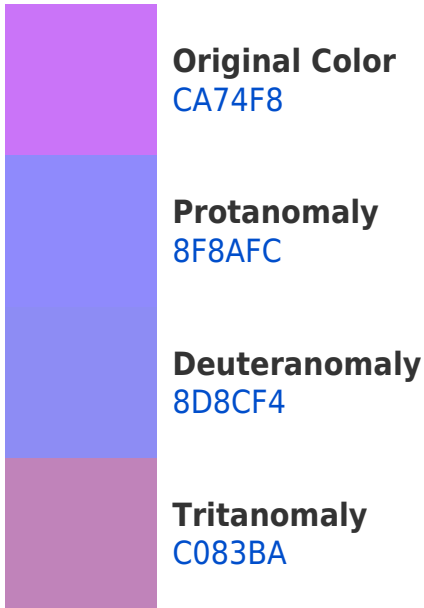
## Dichromacy



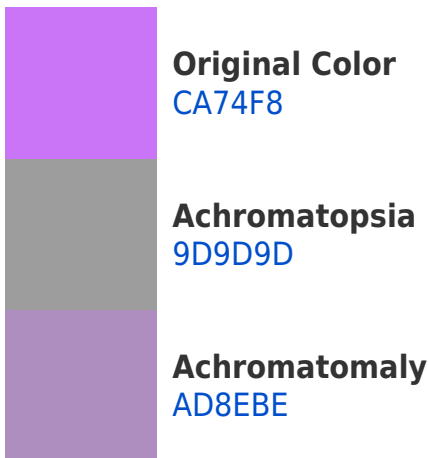


**Tritanopia**  
BB8C97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA74F8 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 #CA74F8 looks like.

```
.text, #text, p{  
    color:#CA74F8  
}
```

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 #CA74F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA74F8
}
```

## Border

The CSS property to change the border of an element to Hex CA74F8 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
#CA74F8 }
```

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

```
.border{ border-color:#CA74F8 }
```

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

Here you see how a box with a 4 pixel #CA74F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA74F8; -webkit-box-shadow:4px 4px  
4px 4px #CA74F8; box-shadow:4px 4px 4px  
4px #CA74F8 }
```

# Background

The CSS property to change the background color of an element to Hex CA74F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA74F8 }
```

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

```
.background{ background-color:#CA74F8 }
```

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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