

Converting Colors

Hex(CA77FA)

Have a look what the booklet for
Hex(CA77FA) contains.

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Color

Hex(CA77FA)

Conversions

Conversions Part 1

Format	Color
Hex	CA77FA
RGB	202, 119, 250
RGB Percent	79%, 47%, 98%
CMY	0.2078, 0.5333, 0.0196
CMYK	0.19, 0.52, 0.00, 0.02
HSL	278°, 93%, 72%
HSV	278°, 52%, 98%
XYZ	48.2093, 32.6523, 94.2041
YIQ	158.7510, 7.4170, 58.3370

Conversions

Conversions Part 2

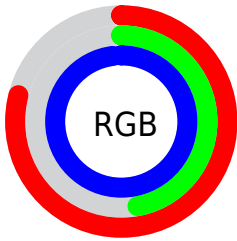
Format	Color
RYB	202, 119, 250
Decimal	13268986
CIELab	63.88, 54.45, -52.85
CIELCh	64, 75.881, 315.850
Yxy	32.6523, 0.2754, 0.1865
Android (android.graphics.Color)	4291459066 (0xFFCA77FA)
YUV	158.7510, 44.9858, 37.9294
Hunter-Lab	57.1422, 50.5965, -57.7454

Details

The Hex color **CA77FA** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **A7FA77**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFAEFF**, and **9142C1** is the 20% darker color. If you saturate the color by 10%, you get **C15EFA**, and if you desaturate by 10%, it is **D390FA**.

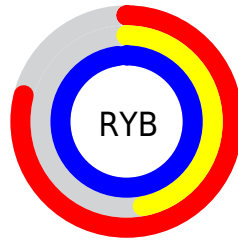
Distribution



Red (79%)

Green (47%)

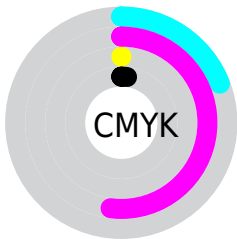
Blue (98%)



Red (79%)

Yellow (47%)

Blue (98%)

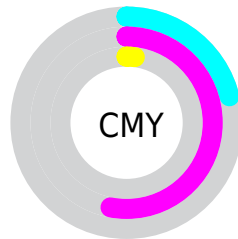


Cyan (19%)

Magenta (52%)

Yellow (0%)

Black (2%)



Cyan (21%)

Magenta (53%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA77FA 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 CA77FA by changing the saturation by 10% instead.

 CA77FA

 CA77FA

FFFFFF

 AD5CDD

 FFAEFF

 9142C1

 FFCAFF

 7527A5

 FFE7FF

 5A038A

 3E0070

 220057

 00003F

 000328

 000111

 CA77FA

 CA77FA

 C15EFA

 D390FA

 B845FA

 DCA9FA

 AF2CFA

 E5C2FA

 A513FA

 EFDBFA

 9E00FA

 F8F4FA

 FFFFFA

Harmonies

Analogous

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



4696FF



CA77FA



FF57BE

Triad

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



CA77FA



D48C00



00B9BE

Complementary

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



CA77FA



A7FA77

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.



00B777



CA77FA



98A300

Square

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



CA77FA



FF6D3A



43B032



00B6FB

Rectangle

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



CA77FA



FF5090



43B032



00B9A7

Sweetspot

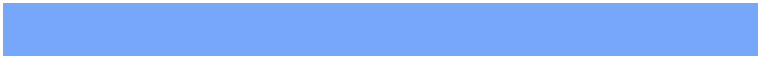
The Sweet Spot groups the original color and five complimentary colors.



CA77FA



F0D6FF



77A7FA



776780



000000



808080

Same Dimension

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



CA77FA



C45EFF



FA77E9



78707D



7800BD



27003D

Inverse Universe

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



FA77A7



FF5E99



77FA88



7D7075



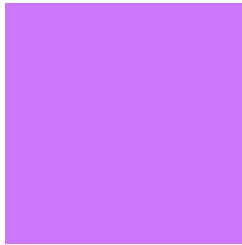
BD0045



3D0016

Previews

White Background



This preview shows how the Hex color CA77FA 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

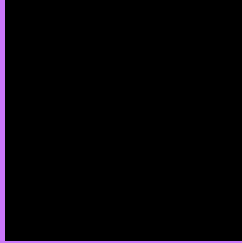
Any Text WCAG AA ✓ Pass

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 CA77FA Background



This preview shows how black text looks on a background with the Hex color CA77FA.

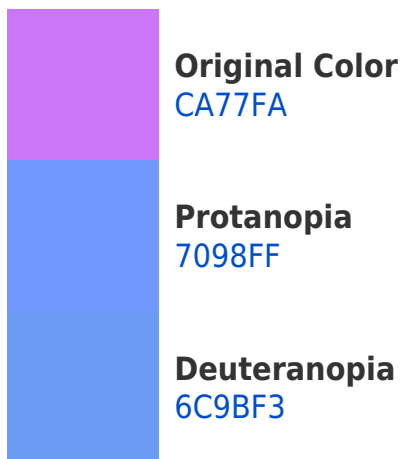


This preview shows how white text looks on a background with the Hex color CA77FA.

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](#).

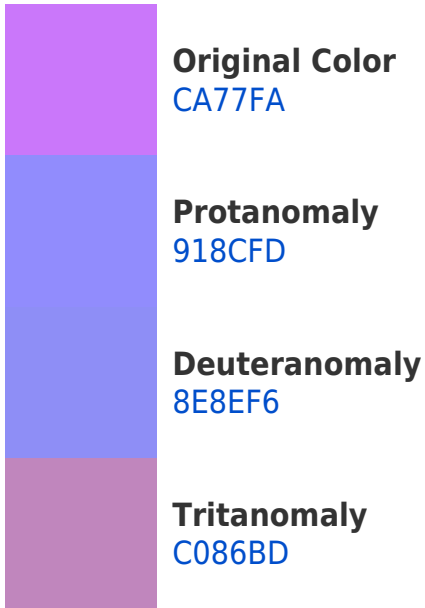
Dichromacy



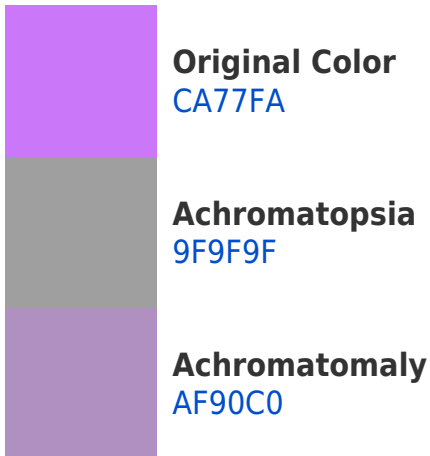


Tritanopia
BB8F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA77FA 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 #CA77FA looks like.

```
.text, #text, p{  
    color:#CA77FA  
}
```

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 #CA77FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA77FA
}
```

Border

The CSS property to change the border of an element to Hex CA77FA 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
#CA77FA }
```

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

```
.border{ border-color:#CA77FA }
```

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

Here you see how a box with a 4 pixel #CA77FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA77FA; -webkit-box-shadow:4px 4px  
4px 4px #CA77FA; box-shadow:4px 4px 4px  
4px #CA77FA }
```

Background

The CSS property to change the background color of an element to Hex CA77FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA77FA }
```

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

```
.background{ background-color:#CA77FA }
```

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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