

Converting Colors

Hex(C87CFA)

Have a look what the booklet for
Hex(C87CFA) contains.

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Color

Hex(C87CFA)

Conversions

Conversions Part 1

Format	Color
Hex	C87CFA
RGB	200, 124, 250
RGB Percent	78%, 49%, 98%
CMY	0.2157, 0.5137, 0.0196
CMYK	0.20, 0.50, 0.00, 0.02
HSL	276°, 93%, 73%
HSV	276°, 50%, 98%
XYZ	48.2824, 33.5968, 94.3825
YIQ	161.0880, 4.8500, 55.2980

Conversions

Conversions Part 2

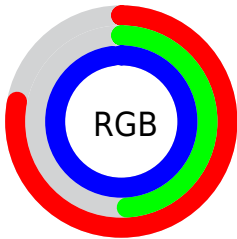
Format	Color
RYB	200, 124, 250
Decimal	13139194
CIELab	64.64, 51.36, -51.66
CIELCh	65, 72.846, 314.834
Yxy	33.5968, 0.2739, 0.1906
Android (android.graphics.Color)	4291329274 (0xFFC87CFA)
YUV	161.0880, 43.8336, 34.1258
Hunter-Lab	57.9627, 47.2539, -55.9699

Details

The Hex color **C87CFA** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **AEFA7C**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFB3FF**, and **8F48C1** is the 20% darker color. If you saturate the color by 10%, you get **BE63FA**, and if you desaturate by 10%, it is **D295FA**.

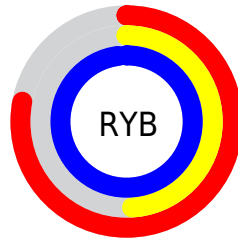
Distribution



Red (78%)

Green (49%)

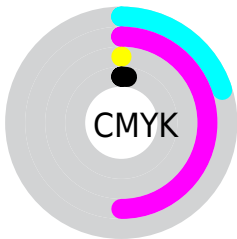
Blue (98%)



Red (78%)

Yellow (49%)

Blue (98%)

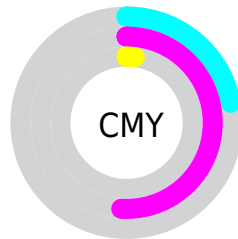


Cyan (20%)

Magenta (50%)

Yellow (0%)

Black (2%)



Cyan (22%)

Magenta (51%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color C87CFA 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 C87CFA by changing the saturation by 10% instead.

 C87CFA

FFFFFF

 FF33FF

 FFC0FF

 FFE0FF

 C87CFA

 AB62DD

 8F48C1

 732EA5

 58108A

 3D0070

 210057

 00003F

 000328

 000112

 C87CFA

 C87CFA

 BE63FA

 D295FA

 B44AFA

 DCAEFA

 AA31FA

 E6C7FA

 A018FA

 F0E0FA

 9700FA

 FAF9FA

 FFFFA

Harmonies

Analogous

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



4B99FF



C87CFA



FF5FC1

Triad

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



C87CFA



D78E00



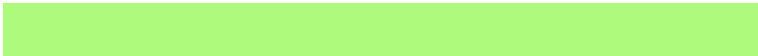
00BBBC

Complementary

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



C87CFA



AEFA7C

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.



00B978



C87CFA



9DA400

Square

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



C87CFA



FF7143



4FB237



00B8F8

Rectangle

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



C87CFA



FF5895



4FB237



00BBA6

Sweetspot

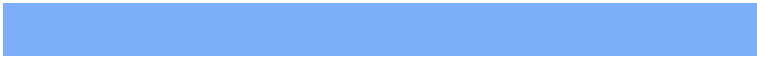
The Sweet Spot groups the original color and five complimentary colors.



C87CFA



F0D9FF



7CAEFA



766980



000000



808080

Same Dimension

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



C87CFA



C266FF



FA7CED



78707D



7200BD



25003D

Inverse Universe

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



FA7CAE



FF66A3



7CFA89



7D7075



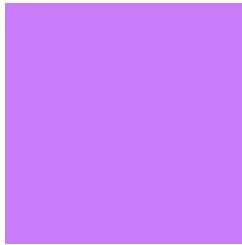
BD004B



3D0018

Previews

White Background



This preview shows how the Hex color C87CFA looks on a white background.

Color Contrast Check

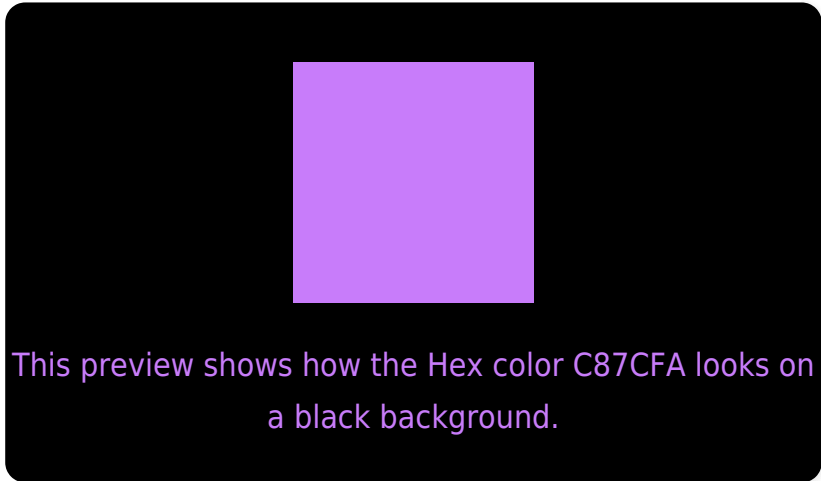
Large Text (above 18pt) WCAG AA × Fail

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

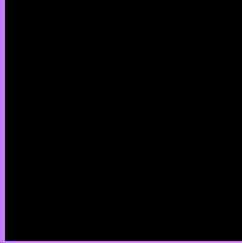
Any Text WCAG AA ✓ Pass

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 C87CFA Background



This preview shows how black text looks on a background with the Hex color C87CFA.

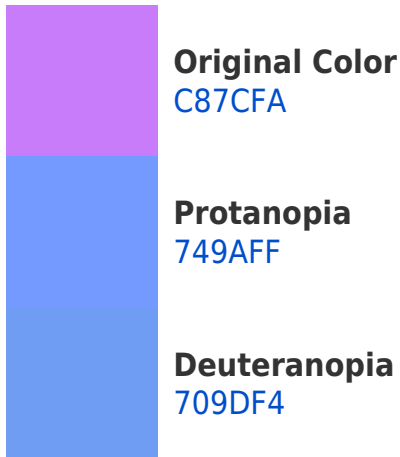


This preview shows how white text looks on a background with the Hex color C87CFA.

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
B9929E

Trichromacy



Original Color
C87CFA



Protanomaly
938FFD



Deuteranomaly
9091F6



Tritanomaly
BE8ABF

Monochromacy



Original Color
C87CFA



Achromatopsia
A1A1A1



Achromatomaly
AF94C1

CSS Examples

Text

The CSS property to change the color of the text to Hex C87CFA 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 #C87CFA looks like.

```
.text, #text, p{  
    color:#C87CFA  
}
```

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 #C87CFA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C87CFA
}
```

Border

The CSS property to change the border of an element to Hex C87CFA 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
#C87CFA }
```

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

```
.border{ border-color:#C87CFA }
```

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

Here you see how a box with a 4 pixel #C87CFA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C87CFA; -webkit-box-shadow:4px 4px  
4px 4px #C87CFA; box-shadow:4px 4px 4px  
4px #C87CFA }
```

Background

The CSS property to change the background color of an element to Hex C87CFA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C87CFA }
```

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

```
.background{ background-color:#C87CFA }
```

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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