

# Converting Colors

Hex(CFABF7)

Have a look what the booklet for  
Hex(CFABF7) contains.

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# **Color**

**Hex(CFABF7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CFABF7
RGB	207, 171, 247
RGB Percent	81%, 67%, 97%
CMY	0.1882, 0.3294, 0.0314
CMYK	0.16, 0.31, 0.00, 0.03
HSL	268°, 83%, 82%
HSV	268°, 31%, 97%
XYZ	57.0835, 49.1066, 94.4656
YIQ	190.4280, -2.9400, 31.2680

# Conversions

## Conversions Part 2

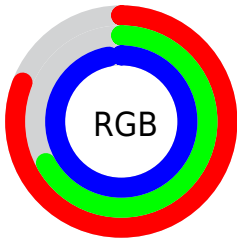
Format	Color
R <sub>Y</sub> B	207, 171, 247
Decimal	13609975
CIE Lab	75.52, 27.38, -32.96
CIE LCh	76, 42.851, 309.715
Yxy	49.1066, 0.2845, 0.2447
Android (android.graphics.Color)	4291800055 (0xFFCFABF7)
YUV	190.4280, 27.8900, 14.5336
Hunter-Lab	70.0761, 22.7717, -30.8722

# Details

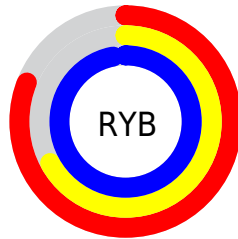
The Hex color **CFABF7** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **D3F7AB**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFE3FF**, and **9876BE** is the 20% darker color. If you saturate the color by 10%, you get **C292F7**, and if you desaturate by 10%, it is **DCC4F7**.

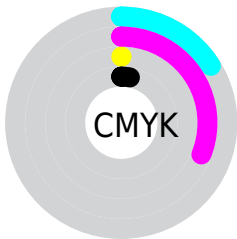
# Distribution



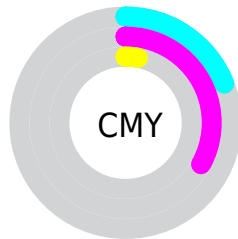
- Red (81%)
- Green (67%)
- Blue (97%)



- Red (81%)
- Yellow (67%)
- Blue (97%)



- Cyan (16%)
- Magenta (31%)
- Yellow (0%)
- Black (3%)



- Cyan (19%)
- Magenta (33%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CFABF7 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 CFABF7 by changing the saturation by 10% instead.



 CFABF7

FFFFFF

 FFE3FF

 CFABF7

 B390DA

 9876BE

 7D5DA3

 634589

 4A2E6F

 311856

 19023F

 000028

 000112

 CFABF7

 CFABF7

 C292F7

 DCC4F7

 B57AF7

 E9DCF7


 A861F7

 F6F5F7

 9B48F7

 FFFFF7

 8E2FF7

 8117F7

 7500F7

# Harmonies

## Analogous

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



95BAFF



CFABF7



F69FD6

# Triad

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



CFABF7



EAAE70



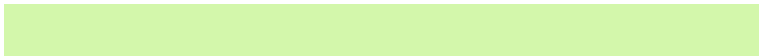
23CFC6

# Complementary

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



CFABF7



D3F7AB

# 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.



69CD9D



CFABF7



C7BC6B

# Square

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



CFABF7



FFA189



9CC67C



00CDEB

# Rectangle

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



CFABF7



FF9BBC



9CC67C



40CFB8



# Sweetspot

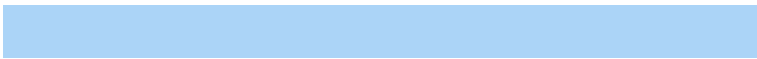
The Sweet Spot groups the original color and five complimentary colors.



CFABF7



F3E8FF



ABD4F7



787180



000000



808080



# Same Dimension

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



CFABF7



CDA1FF



F4ABF7



746E7A



5800BA



1C003B



# Inverse Universe

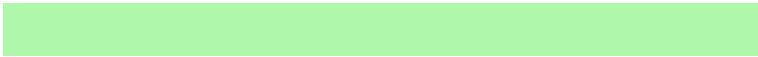
The Inverse Universe completely reimagines the original color for something new.



F7ABD3



FFA1D2



AEF7AB



7A6E75



BA0062

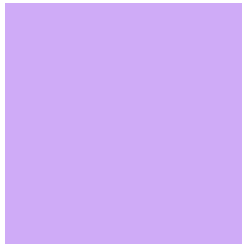


3B001F



# Previews

## White Background



This preview shows how the Hex color CFABF7 looks on a white background.

## Color Contrast Check

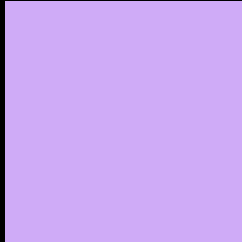
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color CFABF7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

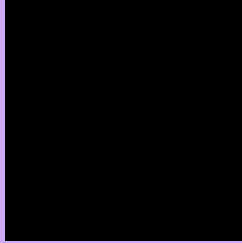
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CFABF7 Background



This preview shows how black text looks on a background with the Hex color CFABF7.

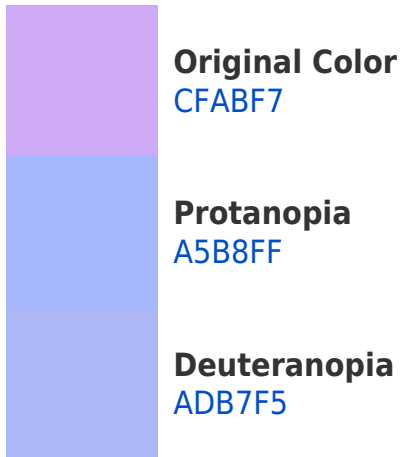


This preview shows how white text looks on a background with the Hex color CFABF7.

# 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](#).

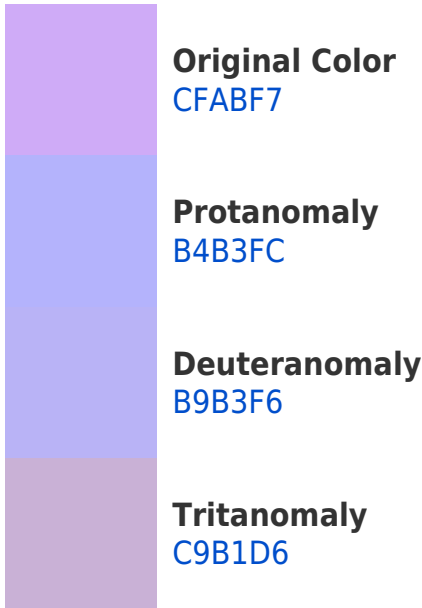
## Dichromacy



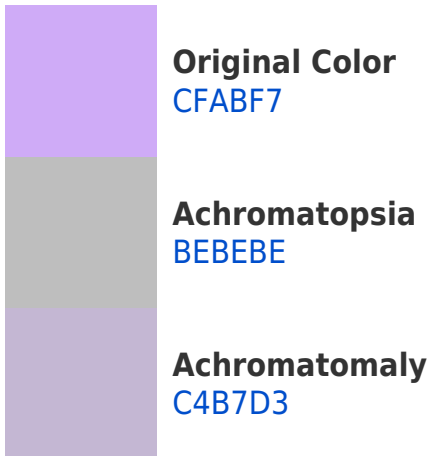


**Tritanopia**  
C6B5C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CFABF7 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 #CFABF7 looks like.

```
.text, #text, p{  
    color:#CFABF7  
}
```

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 #CFABF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CFABF7
}
```

## Border

The CSS property to change the border of an element to Hex CFABF7 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
#CFABF7 }
```

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

```
.border{ border-color:#CFABF7 }
```

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

Here you see how a box with a 4 pixel #CFABF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CFABF7; -webkit-box-shadow:4px 4px  
4px 4px #CFABF7; box-shadow:4px 4px 4px  
4px #CFABF7 }
```

# Background

The CSS property to change the background color of an element to Hex CFABF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CFABF7 }
```

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

```
.background{ background-color:#CFABF7 }
```

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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