

Converting Colors

Hex(CEC8F7)

Have a look what the booklet for
Hex(CEC8F7) contains.

Hex(CEC8F7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CEC8F7)

Conversions

Conversions Part 1

Format	Color
Hex	CEC8F7
RGB	206, 200, 247
RGB Percent	81%, 78%, 97%
CMY	0.1922, 0.2157, 0.0314
CMYK	0.17, 0.19, 0.00, 0.03
HSL	248°, 75%, 88%
HSV	248°, 19%, 97%
XYZ	62.8964, 61.1458, 96.4830
YIQ	207.1520, -11.5110, 15.8890

Conversions

Conversions Part 2

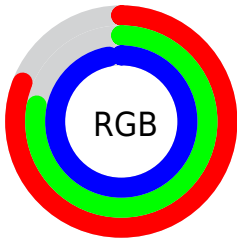
Format	Color
R_{YB}	206, 200, 247
Decimal	13551863
CIE Lab	82.46, 11.33, -22.35
CIE LCh	82, 25.053, 296.881
Yxy	61.1458, 0.2852, 0.2773
Android (android.graphics.Color)	4291741943 (0xFFCEC8F7)
YUV	207.1520, 19.6451, -1.0103
Hunter-Lab	78.1958, 6.7330, -18.4188

Details

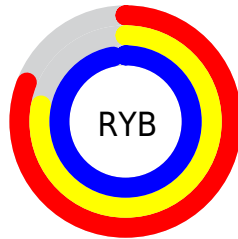
The Hex color **CEC8F7** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F1F7C8**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FFFFFF**, and **9792BF** is the 20% darker color. If you saturate the color by 10%, you get **B8AFF7**, and if you desaturate by 10%, it is **E4E1F7**.

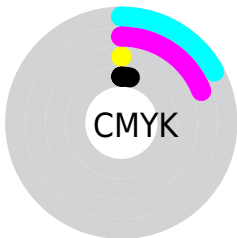
Distribution



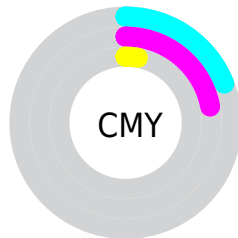
- Red (81%)
- Green (78%)
- Blue (97%)



- Red (81%)
- Yellow (78%)
- Blue (97%)



- Cyan (17%)
- Magenta (19%)
- Yellow (0%)
- Black (3%)



- Cyan (19%)
- Magenta (22%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color CEC8F7 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 CEC8F7 by changing the saturation by 10% instead.

■ CEC8F7

FFFFFF

■ CEC8F7

■ B2ADDA

■ 9792BF

■ 7D78A3

■ 646089

■ 4B486F

■ 333257

■ 1C1D3F

■ 080329

■ 000114

 CEC8F7

 CEC8F7

 B8AFF7

 E4E1F7

 A397F7

 F9F9F7

 8D7EF7

 FFFFF7

 7865F7

 624DF7

 4D34F7

 371BF7

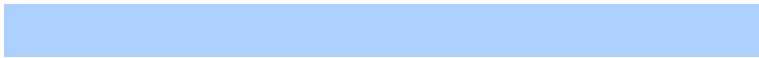
 2202F7

 2000F7

Harmonies

Analogous

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



AED0FC



CEC8F7



E9C1E7

Triad

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



CEC8F7



F4C3A7



96DACA

Complementary

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



CEC8F7



F1F7C8

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.



ADD8B3



CEC8F7



E1CB9E

Square

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



CEC8F7



FE8EB9



C8D2A3



8BD4E2

Rectangle

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



CEC8F7



F6BDD9



C8D2A3



9DDAC2

Sweetspot

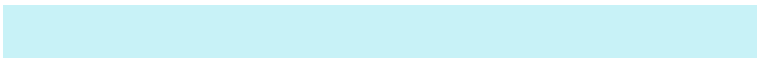
The Sweet Spot groups the original color and five complimentary colors.



CEC8F7



F2F0FF



C8F2F7



787780



000000



808080

Same Dimension

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



CEC8F7



CCC4FF



E5C8F7



706E7A



1800BA



07003B

Inverse Universe

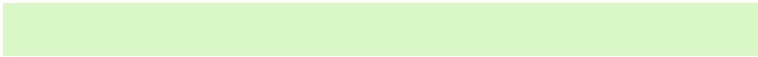
The Inverse Universe completely reimagines the original color for something new.



F7C8F1



FFC4F8



DAF7C8



7A6E79



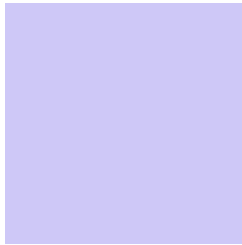
BA00A2



3B0033

Previews

White Background



This preview shows how the Hex color CEC8F7 looks on a white background.

Color Contrast Check

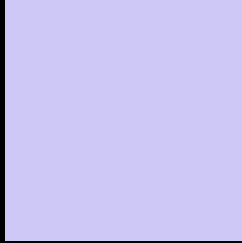
Large Text (above 18pt) WCAG AA × Fail

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 CEC8F7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

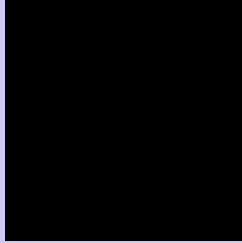
Any Text WCAG AA ✓ Pass

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 CEC8F7 Background



This preview shows how black text looks on a background with the Hex color CEC8F7.

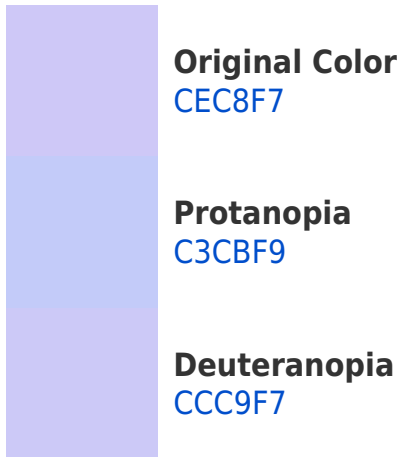


This preview shows how white text looks on a background with the Hex color CEC8F7.

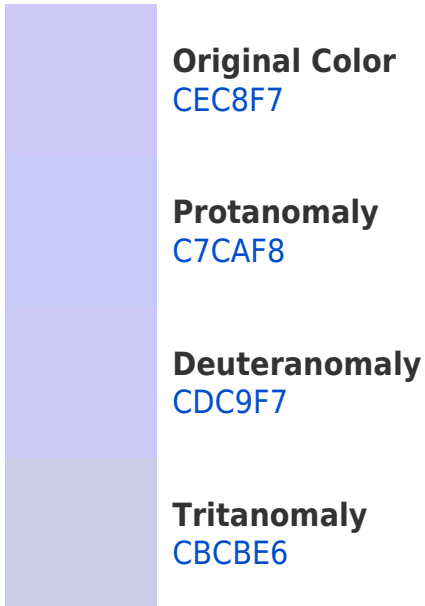
Color Blindness Simulation

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](#).

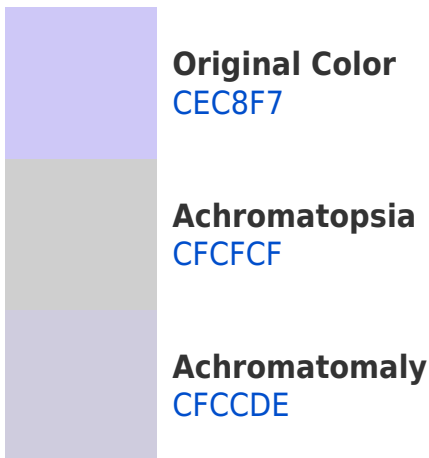
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CEC8F7 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 #CEC8F7 looks like.

```
.text, #text, p{  
    color:#CEC8F7  
}
```

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 #CEC8F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEC8F7
}
```

Border

The CSS property to change the border of an element to Hex CEC8F7 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
#CEC8F7 }
```

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

```
.border{ border-color:#CEC8F7 }
```

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

Here you see how a box with a 4 pixel #CEC8F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEC8F7; -webkit-box-shadow:4px 4px  
4px 4px #CEC8F7; box-shadow:4px 4px 4px  
4px #CEC8F7 }
```

Background

The CSS property to change the background color of an element to Hex CEC8F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEC8F7 }
```

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

```
.background{ background-color:#CEC8F7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor