

# Converting Colors

Hex(CEC0F3)

Have a look what the booklet for  
Hex(CEC0F3) contains.

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# **Color**

**Hex(CEC0F3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CEC0F3
RGB	206, 192, 243
RGB Percent	81%, 75%, 95%
CMY	0.1922, 0.2471, 0.0471
CMYK	0.15, 0.21, 0.00, 0.05
HSL	256°, 68%, 85%
HSV	256°, 21%, 95%
XYZ	60.4809, 57.2922, 92.6648
YIQ	202.0000, -8.0270, 18.8290

# Conversions

## Conversions Part 2

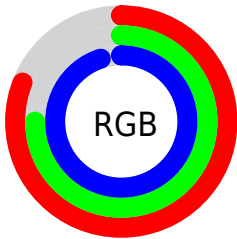
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	206, 192, 243
Decimal	13549811
CIE Lab	80.34, 14.79, -23.42
CIE LCh	80, 27.699, 302.265
Yxy	57.2922, 0.2874, 0.2723
Android (android.graphics.Color)	4291739891 (0xFFCEC0F3)
YUV	202.0000, 20.2130, 3.5080
Hunter-Lab	75.6916, 10.1691, -19.6012

# Details

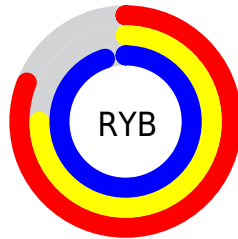
The Hex color `CEC0F3` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `E5F3C0`, and the grayscale version is `CACACA`.

A 20% lighter version of the original color is `FFF8FF`, and `978BBB` is the 20% darker color. If you saturate the color by 10%, you get `BCA8F3`, and if you desaturate by 10%, it is `E0D8F3`.

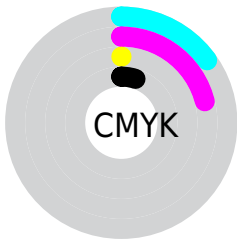
# Distribution



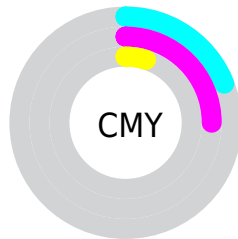
- Red (81%)
- Green (75%)
- Blue (95%)



- Red (81%)
- Yellow (75%)
- Blue (95%)



- Cyan (15%)
- Magenta (21%)
- Yellow (0%)
- Black (5%)



- Cyan (19%)
- Magenta (25%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CEC0F3 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 CEC0F3 by changing the saturation by 10% instead.



 CEC0F3

FFFFFF

 FFF8FF

 CEC0F3

 B2A5D7

 978BBB

 7D71A0

 645985

 4B416C

 332B54

 1C163C

 0A0027

 000110

 CEC0F3

 CEC0F3

 BCA8F3

 E0D8F3

 AB8FF3

 F1F1F3

 9977F3

 FFFFF3

 875FF3

 7647F3

 642EF3

 5316F3

 4300F3

# Harmonies

## Analogous

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



AAC9FB



CEC0F3



EAB8E0

# Triad

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



CEC0F3



EFBE9A



86D6C8

# Complementary

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



CEC0F3



E5F3C0

# 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.



9FD4AE



CEC0F3



D8C694

# Square

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



CEC0F3



FBB7AD



BCCE9B



7CD5E2

# Rectangle

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



CEC0F3



F6B5CF



BCCE9B



8DD6BF



# Sweetspot

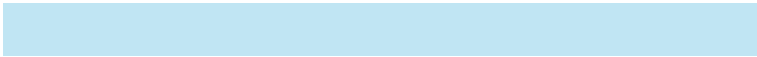
The Sweet Spot groups the original color and five complimentary colors.



CEC0F3



F4F0FF



C0E5F3



797780



000000



808080



# Same Dimension

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



CEC0F3



D1BFFF



E7C0F3



726E7A



3300BA



10003B



# Inverse Universe

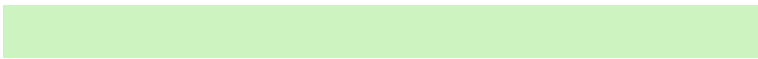
The Inverse Universe completely reimagines the original color for something new.



F3C0E5



FFBFEE



CCF3C0



7A6E77



BA0087

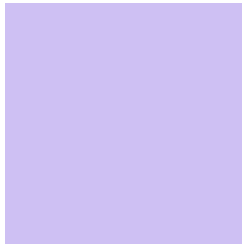


3B002B



# Previews

## White Background



This preview shows how the Hex color CEC0F3 looks on a white background.

## Color Contrast Check

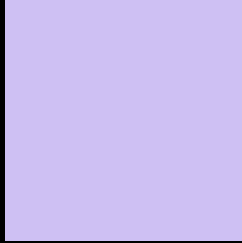
Large Text (above 18pt) WCAG AA × Fail

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 CEC0F3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

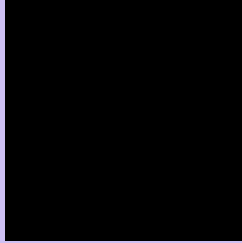
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CEC0F3 Background



This preview shows how black text looks on a background with the Hex color CEC0F3.



This preview shows how white text looks on a background with the Hex color CEC0F3.

# 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



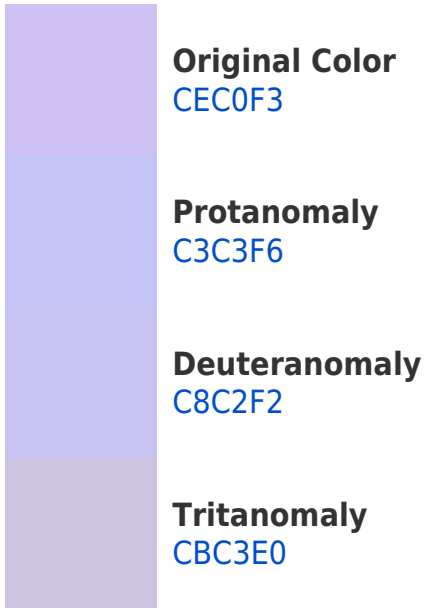
**Original Color**  
CEC0F3

**Protanopia**  
BCC5F7

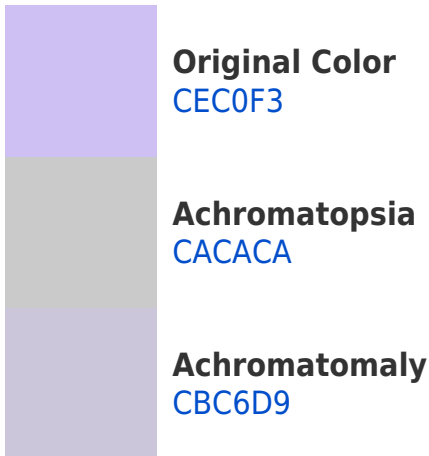
**Deuteranopia**  
C5C3F2



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CEC0F3 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 #CEC0F3 looks like.

```
.text, #text, p{  
    color:#CEC0F3  
}
```

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 #CEC0F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEC0F3
}
```

## Border

The CSS property to change the border of an element to Hex CEC0F3 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
#CEC0F3 }
```

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

```
.border{ border-color:#CEC0F3 }
```

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

Here you see how a box with a 4 pixel #CEC0F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEC0F3; -webkit-box-shadow:4px 4px  
4px 4px #CEC0F3; box-shadow:4px 4px 4px  
4px #CEC0F3 }
```

# Background

The CSS property to change the background color of an element to Hex CEC0F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEC0F3 }
```

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

```
.background{ background-color:#CEC0F3 }
```

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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