

# Converting Colors

Hex(CE7AEB)

Have a look what the booklet for  
Hex(CE7AEB) contains.

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# Color

Hex(CE7AEB)

# Conversions

## Conversions Part 1

Format	Color
Hex	CE7AEB
RGB	206, 122, 235
RGB Percent	81%, 48%, 92%
CMY	0.1922, 0.5216, 0.0784
CMYK	0.12, 0.48, 0.00, 0.08
HSL	285°, 74%, 70%
HSV	285°, 48%, 92%
XYZ	47.4085, 33.0390, 82.4757
YIQ	159.9980, 13.7910, 52.9510

# Conversions

## Conversions Part 2

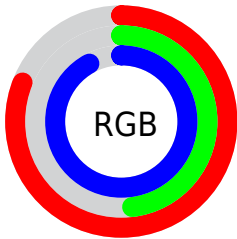
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	206, 122, 235
Decimal	13531883
CIE Lab	64.19, 50.87, -44.05
CIE LCh	64, 67.294, 319.111
Yxy	33.0390, 0.2910, 0.2028
Android (android.graphics.Color)	4291721963 (0xFFCE7AEB)
YUV	159.9980, 36.9760, 40.3438
Hunter-Lab	57.4796, 46.6355, -44.8377

# Details

The Hex color **CE7AEB** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **97EB7A**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFB1FF**, and **9545B3** is the 20% darker color. If you saturate the color by 10%, you get **C862EB**, and if you desaturate by 10%, it is **D492EB**.

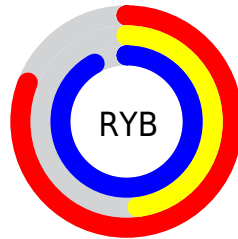
# Distribution



Red (81%)

Green (48%)

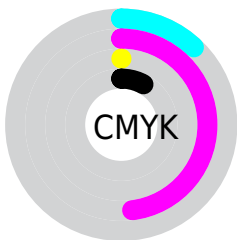
Blue (92%)



Red (81%)

Yellow (48%)

Blue (92%)

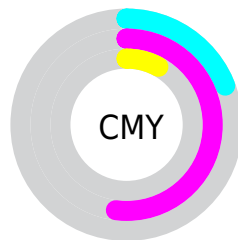


Cyan (12%)

Magenta (48%)

Yellow (0%)

Black (8%)



Cyan (19%)

Magenta (52%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE7AEB 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 CE7AEB by changing the saturation by 10% instead.



 CE7AEB

 CE7AEB

FFFFFF

 B160CF

 FFB1FF

 9545B3

 FFCDFE

 7A2B98

 FFEAFF

 5F0B7D

 450064

 2B004B

 0E0034

 00021D

 000000

 CE7AEB

 CE7AEB

 C862EB

 D492EB

 C24BEB

 DAA9EB

 BC34EB

 E0C1EB

 B61CEB

 E6D8EB

 B004EB

 ECF0EB

 AF00EB

 F2FFEB

 F8FFEB

 FEFFEB

 FFFFEB

# Harmonies

## Analogous

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



6F95FF



CE7AEB



FD63B4

# Triad

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



CE7AEB



CC9112



00B8C1

# Complementary

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



CE7AEB



97EB7A

# 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.



00B683



CE7AEB



95A414

# Square

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



CE7AEB



F47842



49B047



00B4F6

# Rectangle

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



CE7AEB



FF608C



49B047



00B8AD



# Sweetspot

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



CE7AEB



F6DBFF



7A98EB



7A6A80



000000



808080



# Same Dimension

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



CE7AEB



D96BFF



EB7AD1



726A75



8700B5



280036



# Inverse Universe

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



EB7A97



FF6B91



7AEB94



756A6D



B5002E

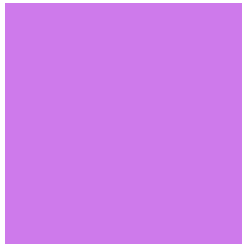


36000E



# Previews

## White Background



This preview shows how the Hex color CE7AEB looks on a white background.

## Color Contrast Check

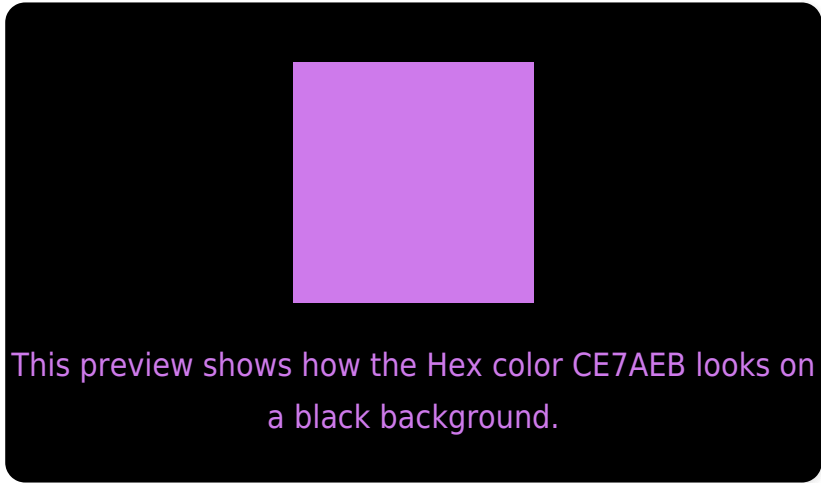
Large Text (above 18pt) WCAG AA × Fail

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

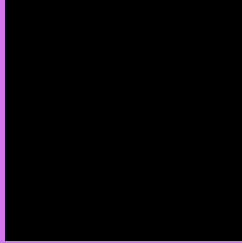
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CE7AEB Background



This preview shows how black text looks on a background with the Hex color CE7AEB.

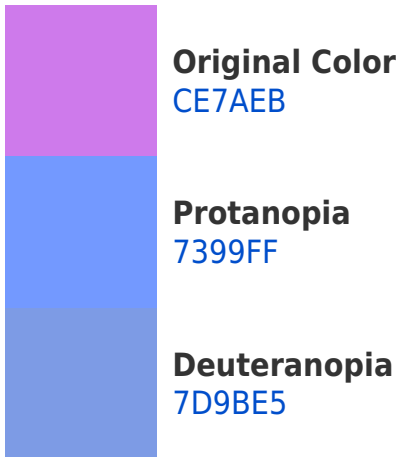


This preview shows how white text looks on a background with the Hex color CE7AEB.

# 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](#).

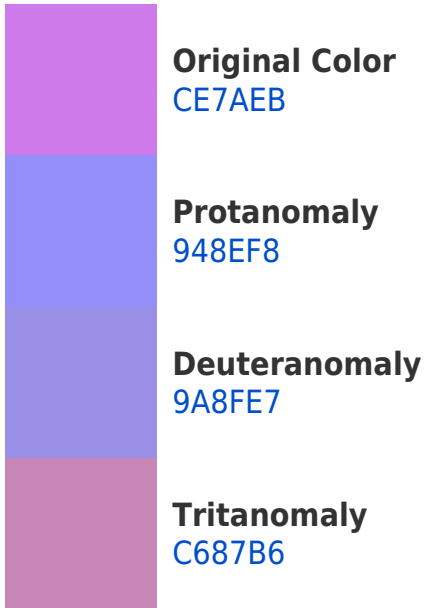
## Dichromacy



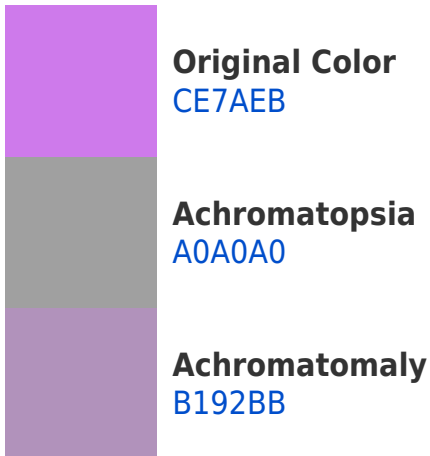


**Tritanopia**  
C28E98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE7AEB 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 #CE7AEB looks like.

```
.text, #text, p{  
    color:#CE7AEB  
}
```

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 #CE7AEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE7AEB
}
```

## Border

The CSS property to change the border of an element to Hex CE7AEB is called "border". The border property can be set on classes, ids or directly on the HTML element.

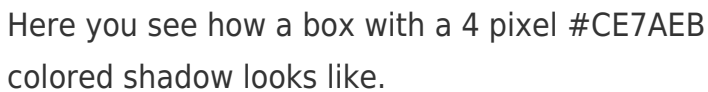
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CE7AEB }
```

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

```
.border{ border-color:#CE7AEB }
```

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



Here you see how a box with a 4 pixel `#CE7AEB` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE7AEB; -webkit-box-shadow:4px 4px  
4px 4px #CE7AEB; box-shadow:4px 4px 4px  
4px #CE7AEB }
```

# Background

The CSS property to change the background color of an element to Hex CE7AEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE7AEB }
```

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

```
.background{ background-color:#CE7AEB }
```

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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