

# Converting Colors

Hex(CC7AEB)

Have a look what the booklet for  
Hex(CC7AEB) contains.

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# Color

**Hex(CC7AEB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC7AEB
RGB	204, 122, 235
RGB Percent	80%, 48%, 92%
CMY	0.2000, 0.5216, 0.0784
CMYK	0.13, 0.48, 0.00, 0.08
HSL	284°, 74%, 70%
HSV	284°, 48%, 92%
XYZ	46.8568, 32.7546, 82.4499
YIQ	159.4000, 12.5990, 52.5270

# Conversions

## Conversions Part 2

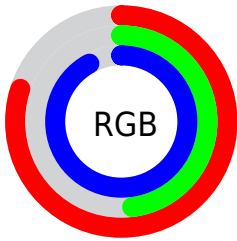
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">204, 122, 235</a>
Decimal	<a href="#">13400811</a>
CIELab	<a href="#">63.96, 50.32, -44.43</a>
CIELCh	<a href="#">64, 67.130, 318.559</a>
Yxy	<a href="#">32.7546, 0.2891, 0.2021</a>
Android (android.graphics.Color)	<a href="#">4291590891 (0xFFCC7AEB)</a>
YUV	<a href="#">159.4000, 37.2708, 39.1142</a>
Hunter-Lab	<a href="#">57.2316, 45.9864, -45.3531</a>

# Details

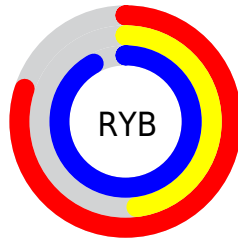
The Hex color **CC7AEB** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **99EB7A**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFB1FF**, and **9446B3** is the 20% darker color. If you saturate the color by 10%, you get **C662EB**, and if you desaturate by 10%, it is **D292EB**.

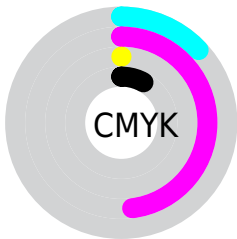
# Distribution



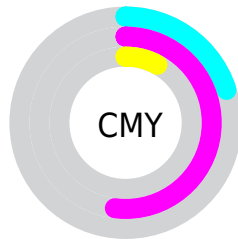
- Red (80%)
- Green (48%)
- Blue (92%)



- Red (80%)
- Yellow (48%)
- Blue (92%)



- Cyan (13%)
- Magenta (48%)
- Yellow (0%)
- Black (8%)



- Cyan (20%)
- Magenta (52%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC7AEB 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 CC7AEB by changing the saturation by 10% instead.



 CC7AEB

 CC7AEB

FFFFFF

 AF60CE

 FFB1FF

 9446B3

 FFCDFE

 782B98

 FFE9FF

 5D0C7D

 430064

 29004B

 0B0034

 00021D

 000000

 CC7AEB

 CC7AEB

 C662EB

 D292EB

 BF4BEB

 D9A9EB

 B934EB

 DFC1EB

 B21CEB

 E6D8EB

 AC04EB

 ECF0EB

 AB00EB

 F3FFEB

 F9FFEB

 FFFFEB

# Harmonies

## Analogous

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



6C95FF



CC7AEB



FB63B5

# Triad

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



CC7AEB



CC9013



00B7BF

# Complementary

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



CC7AEB



99EB7A

# 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.



00B681



CC7AEB



95A313

# Square

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



CC7AEB



F47742



4BAF46



00B3F4

# Rectangle

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



CC7AEB



FF5F8C



4BAF46



00B7AB



# Sweetspot

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



CC7AEB



F5DBFF



7A9AEB



7A6A80



000000



808080



# Same Dimension

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



CC7AEB



D66BFF



EB7AD3



726A75



8300B5



270036



# Inverse Universe

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



EB7A99



FF6B94



7AEB92



756A6D



B50032

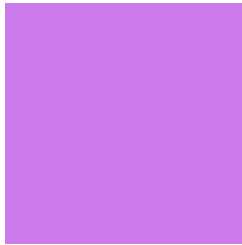


36000F



# Previews

## White Background



This preview shows how the Hex color CC7AEB looks on a white background.

## Color Contrast Check

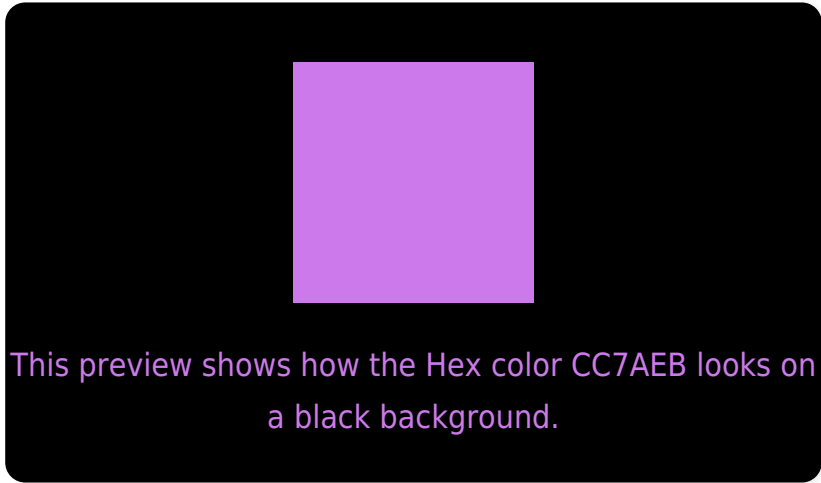
Large Text (above 18pt) WCAG AA × Fail

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

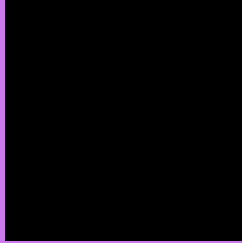
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CC7AEB Background



This preview shows how black text looks on a background with the Hex color CC7AEB.

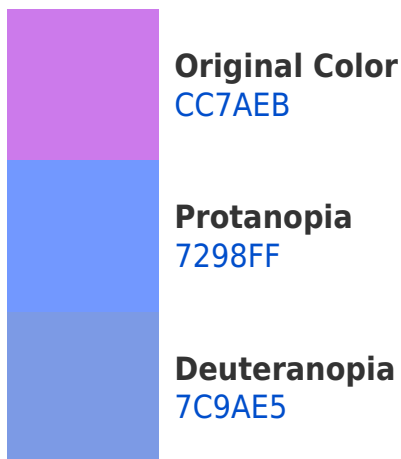


This preview shows how white text looks on a background with the Hex color CC7AEB.

# 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**  
C08E98

# Trichromacy



**Original Color**  
CC7AEB



**Protanomaly**  
938DF8



**Deuteranomaly**  
998EE7



**Tritanomaly**  
C487B6

# Monochromacy



**Original Color**  
CC7AEB



**Achromatopsia**  
9F9F9F



**Achromatomaly**  
AF92BB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC7AEB 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 #CC7AEB looks like.

```
.text, #text, p{  
    color:#CC7AEB  
}
```

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 #CC7AEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC7AEB
}
```

## Border

The CSS property to change the border of an element to Hex CC7AEB 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
#CC7AEB }
```

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

```
.border{ border-color:#CC7AEB }
```

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

Here you see how a box with a 4 pixel #CC7AEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC7AEB; -webkit-box-shadow:4px 4px  
4px 4px #CC7AEB; box-shadow:4px 4px 4px  
4px #CC7AEB }
```

# Background

The CSS property to change the background color of an element to Hex CC7AEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC7AEB }
```

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

```
.background{ background-color:#CC7AEB }
```

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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