

# Converting Colors

Hex(C798EB)

Have a look what the booklet for  
Hex(C798EB) contains.

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# Color

**Hex(C798EB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C798EB
RGB	199, 152, 235
RGB Percent	78%, 60%, 92%
CMY	0.2196, 0.4039, 0.0784
CMYK	0.15, 0.35, 0.00, 0.08
HSL	274°, 67%, 76%
HSV	274°, 35%, 92%
XYZ	49.7768, 40.5967, 83.8097
YIQ	175.5150, 1.3690, 35.7770

# Conversions

## Conversions Part 2

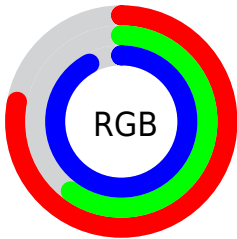
Format	Color
R <sub>Y</sub> B	199, 152, 235
Decimal	13080811
CIE Lab	69.89, 32.80, -35.20
CIE LCh	70, 48.113, 312.978
Yxy	40.5967, 0.2858, 0.2331
Android (android.graphics.Color)	4291270891 (0xFFC798EB)
YUV	175.5150, 29.3261, 20.5963
Hunter-Lab	63.7156, 27.9481, -33.3875

# Details

The Hex color **C798EB** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **BCEB98**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFCFFF**, and **9064B3** is the 20% darker color. If you saturate the color by 10%, you get **BD81EB**, and if you desaturate by 10%, it is **D1B0EB**.

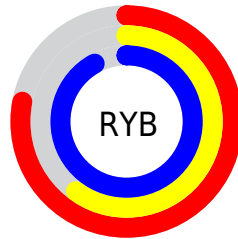
# Distribution



Red (78%)

Green (60%)

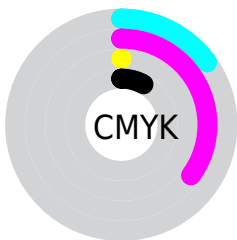
Blue (92%)



Red (78%)

Yellow (60%)

Blue (92%)

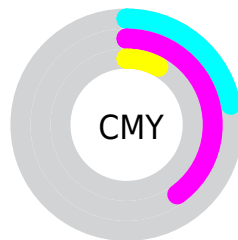


Cyan (15%)

Magenta (35%)

Yellow (0%)

Black (8%)



Cyan (22%)

Magenta (40%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C798EB 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 C798EB by changing the saturation by 10% instead.



 C798EB

 C798EB

FFFFFF

 AB7ECF

 FFCFFF

 9064B3

 FFE8FF

 754C98

 5B347E

 421D64

 29054C

 180035

 00021F

 000001

 C798EB

 C798EB

 BD81EB

 D1B0EB

 B369EB

 DBC7EB

 A852EB

 E6DFEB

 9E3AEB

 F0F6EB

 9423EB

 FAFEB

 8A0BEB

 FFFFEB

 8500EB

# Harmonies

## Analogous

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



85A9FF



C798EB



EF8AC5

# Triad

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



C798EB



DAA057



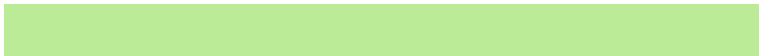
00C1BD

# Complementary

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



C798EB



BCEB98

# 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.



41BF90



C798EB



B3AE53

# Square

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



C798EB



F59071



82B969



00BEE5

# Rectangle

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



C798EB



FC86A8



82B969



00C1AE



# Sweetspot

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



C798EB



F3E3FF



98BDEB



786F80



000000



808080



# Same Dimension

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



C798EB



D194FF



EB98E7



706A75



6700B5



1E0036



# Inverse Universe

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



EB98BC



FF94C2



98EB9C



756A6F



B5004F

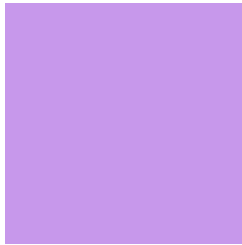


360017



# Previews

## White Background



This preview shows how the Hex color C798EB looks on a white background.

## Color Contrast Check

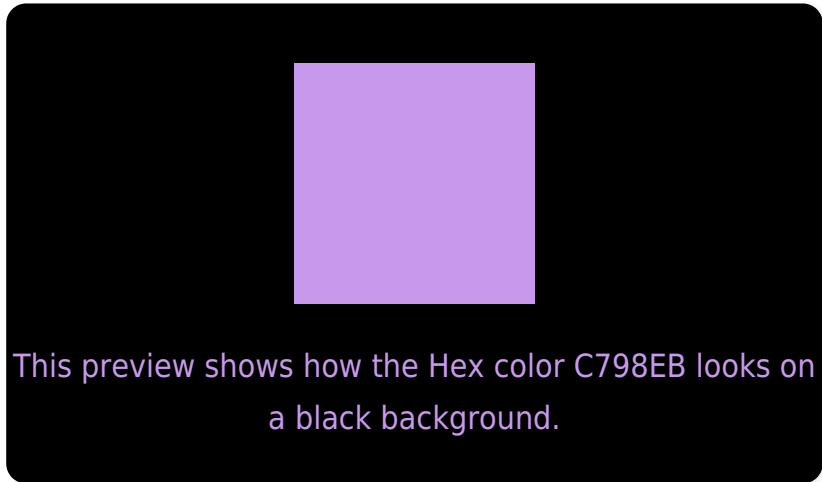
Large Text (above 18pt) WCAG AA × Fail

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 C798EB Background



This preview shows how black text looks on a background with the Hex color C798EB.

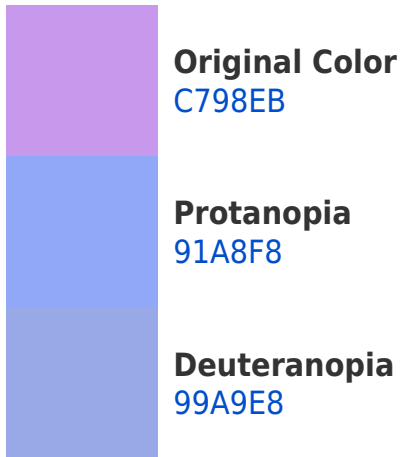


This preview shows how white text looks on a background with the Hex color C798EB.

# 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**  
BEA4B1

# Trichromacy



**Original Color**  
C798EB



**Protanomaly**  
A5A2F3



**Deuteranomaly**  
AAA3E9



**Tritanomaly**  
C1A0C6

# Monochromacy



**Original Color**  
C798EB



**Achromatopsia**  
B0B0B0



**Achromatomaly**  
B8A7C5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C798EB 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 #C798EB looks like.

```
.text, #text, p{  
    color:#C798EB  
}
```

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 #C798EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C798EB
}
```

## Border

The CSS property to change the border of an element to Hex C798EB is called "border". The border property can be set on classes, ids or directly on the HTML element.

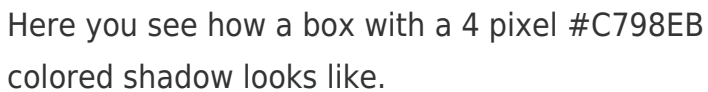
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C798EB }
```

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

```
.border{ border-color:#C798EB }
```

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



Here you see how a box with a 4 pixel `#C798EB` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C798EB; -webkit-box-shadow:4px 4px  
4px 4px #C798EB; box-shadow:4px 4px 4px  
4px #C798EB }
```

# Background

The CSS property to change the background color of an element to Hex C798EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C798EB }
```

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

```
.background{ background-color:#C798EB }
```

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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