

# Converting Colors

Hex(C778EE)

Have a look what the booklet for  
Hex(C778EE) contains.

<b>Hex(C778EE)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(C778EE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C778EE
RGB	199, 120, 238
RGB Percent	78%, 47%, 93%
CMY	0.2196, 0.5294, 0.0667
CMYK	0.16, 0.50, 0.00, 0.07
HSL	280°, 78%, 70%
HSV	280°, 50%, 93%
XYZ	45.7023, 31.7481, 84.6081
YIQ	157.0730, 9.2060, 53.4460

# Conversions

## Conversions Part 2

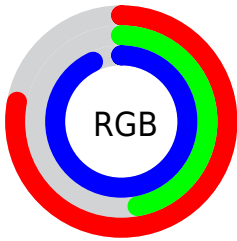
Format	Color
<a href="#">RYB</a>	<a href="#">199, 120, 238</a>
Decimal	<a href="#">13072622</a>
CIELab	<a href="#">63.13, 50.62, -47.43</a>
CIELCh	<a href="#">63, 69.370, 316.861</a>
Yxy	<a href="#">31.7481, 0.2820, 0.1959</a>
Android (android.graphics.Color)	<a href="#">4291262702 (0xFFC778EE)</a>
YUV	<a href="#">157.0730, 39.8970, 36.7700</a>
Hunter-Lab	<a href="#">56.3455, 46.1783, -49.5878</a>

# Details

The Hex color **C778EE** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **9FEE78**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFAEFF**, and **8F44B5** is the 20% darker color. If you saturate the color by 10%, you get **BF60EE**, and if you desaturate by 10%, it is **CF90EE**.

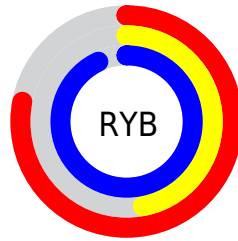
# Distribution



Red (78%)

Green (47%)

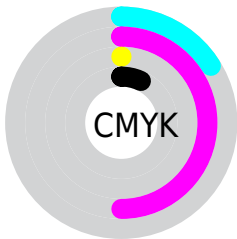
Blue (93%)



Red (78%)

Yellow (47%)

Blue (93%)

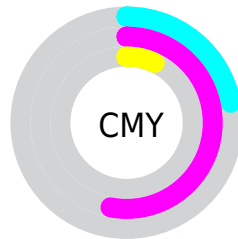


Cyan (16%)

Magenta (50%)

Yellow (0%)

Black (7%)



Cyan (22%)

Magenta (53%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C778EE 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 C778EE by changing the saturation by 10% instead.



 C778EE

 C778EE

FFFFFF

 AA5ED1

 FFAEFF

 8F44B5

 FFCAFF

 73299A

 FFE7FF

 580A80

 3D0066

 24004D

 000036

 00021F

 000003

 C778EE

 C778EE

 BF60EE

 CF90EE

 B748EE

 D7A8EE

 AF31EE

 DFBFEE

 A819EE

 E6D7EE

 A001EE

 EEEFEE

 9F00EE

 F6FFEE

 FEFFEE

 FFFFEE

# Harmonies

## Analogous

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



5C94FF



C778EE



FA5EB7

# Triad

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



C778EE



CD8C05



00B5BB

# Complementary

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



C778EE



9FEE78

# 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.



00B47B



C778EE



96A000

# Square

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



C778EE



F57240



4AAD3D



00B2F2

# Rectangle

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



C778EE



FF598D



4AAD3D



00B5A6



# Sweetspot

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



C778EE



F2D9FF



789FEE



786980



000000



808080



# Same Dimension

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



C778EE



CD69FF



EE78DA



746C78



7B00B8



260038



# Inverse Universe

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



EE789F



FF699A



78EE8C



786C70



B8003D

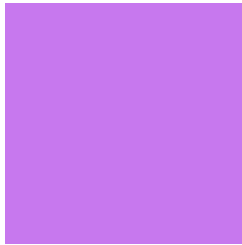


380013



# Previews

## White Background



This preview shows how the Hex color C778EE 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

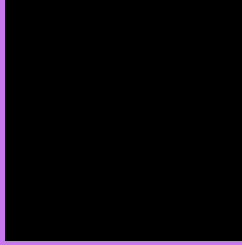
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C778EE Background



This preview shows how black text looks on a background with the Hex color C778EE.

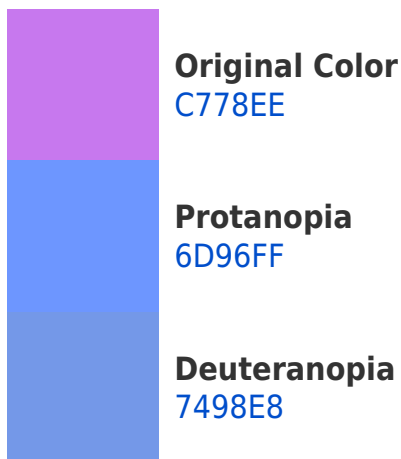



This preview shows how white text looks on a background with the Hex color C778EE.

# 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](#).

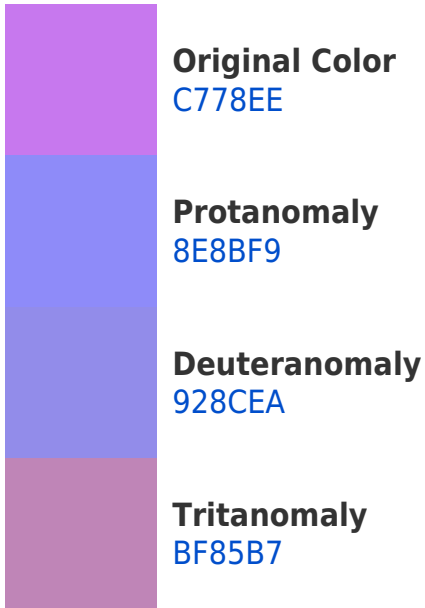
## Dichromacy



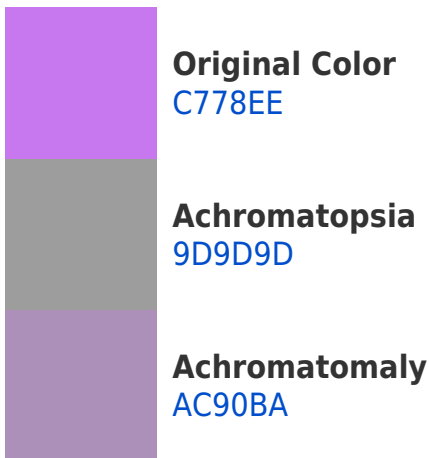


**Tritanopia**  
BA8D98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C778EE 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 #C778EE looks like.

```
.text, #text, p{  
    color:#C778EE  
}
```

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 #C778EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C778EE
}
```

## Border

The CSS property to change the border of an element to Hex C778EE is called "border". The border property can be set on classes, ids or directly on the HTML element.

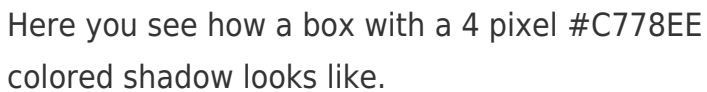
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C778EE }
```

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

```
.border{ border-color:#C778EE }
```

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



Here you see how a box with a 4 pixel `#C778EE` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C778EE; -webkit-box-shadow:4px 4px  
4px 4px #C778EE; box-shadow:4px 4px 4px  
4px #C778EE }
```

# Background

The CSS property to change the background color of an element to Hex C778EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C778EE }
```

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

```
.background{ background-color:#C778EE }
```

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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