

# Converting Colors

Hex(C078EA)

Have a look what the booklet for  
Hex(C078EA) contains.

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# Color

**Hex(C078EA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C078EA
RGB	192, 120, 234
RGB Percent	75%, 47%, 92%
CMY	0.2471, 0.5294, 0.0824
CMYK	0.18, 0.49, 0.00, 0.08
HSL	278°, 73%, 69%
HSV	278°, 49%, 92%
XYZ	43.3060, 30.5799, 81.4619
YIQ	154.5240, 6.3180, 50.7180

# Conversions

## Conversions Part 2

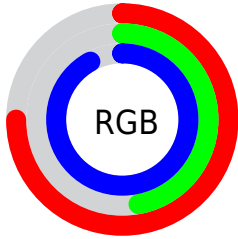
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	192, 120, 234
Decimal	12613866
CIE <sub>Lab</sub>	62.15, 47.89, -46.82
CIE <sub>LCh</sub>	62, 66.971, 315.645
Yxy	30.5799, 0.2788, 0.1968
Android (android.graphics.Color)	4290803946 (0xFFC078EA)
YUV	154.5240, 39.1817, 32.8665
Hunter-Lab	55.2991, 43.0139, -48.6316

# Details

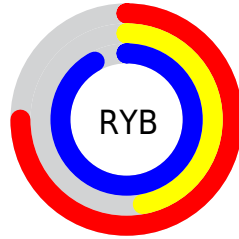
The Hex color **C078EA** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **A2EA78**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FAAEFF**, and **8844B2** is the 20% darker color. If you saturate the color by 10%, you get **B761EA**, and if you desaturate by 10%, it is **C98FEA**.

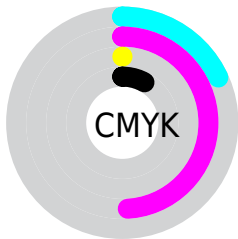
# Distribution



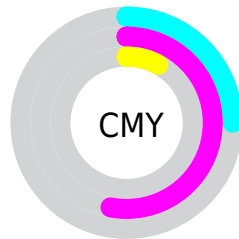
- Red (75%)
- Green (47%)
- Blue (92%)



- Red (75%)
- Yellow (47%)
- Blue (92%)



- Cyan (18%)
- Magenta (49%)
- Yellow (0%)
- Black (8%)



- Cyan (25%)
- Magenta (53%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C078EA 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 C078EA by changing the saturation by 10% instead.



 C078EA

 C078EA

FFFFFF

 A45ECD

 FAAEFF

 8844B2

 FFCAFF

 6D2B97

 FFE7FF

 520E7C

 370063

 1F004A

 000033

 00021D

 000000

 C078EA

 C078EA

 B761EA

 C98FEA

 AF49EA

 D1A7EA

 A632EA

 DABEEA

 9E1AEA

 E2D6EA

 9503EA

 EBDEEA

 9400EA

 F4FFEA

 FCFFEA

 FFFFEA

# Harmonies

## Analogous

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



5792FF



C078EA



F35FB5

# Triad

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



C078EA



CB8910



00B2B5

# Complementary

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



C078EA



A2EA78

# 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.



00B077



C078EA



969D04

# Square

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



C078EA



F17043



4FAA3C



00AFE4

# Rectangle

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



C078EA



FF5A8D



4FAA3C



00B2A0



# Sweetspot

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



C078EA



F1D9FF



78A4EA



776980



000000



808080



# Same Dimension

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



C078EA



C96BFF



EA78DD



716A75



7200B5



220036



# Inverse Universe

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



EA78A2



FF6BA2



78EA85



756A6E



B50043

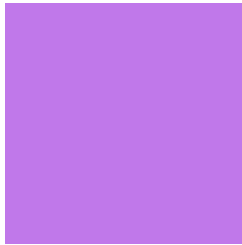


360014



# Previews

## White Background



This preview shows how the Hex color C078EA looks on a white background.

## Color Contrast Check

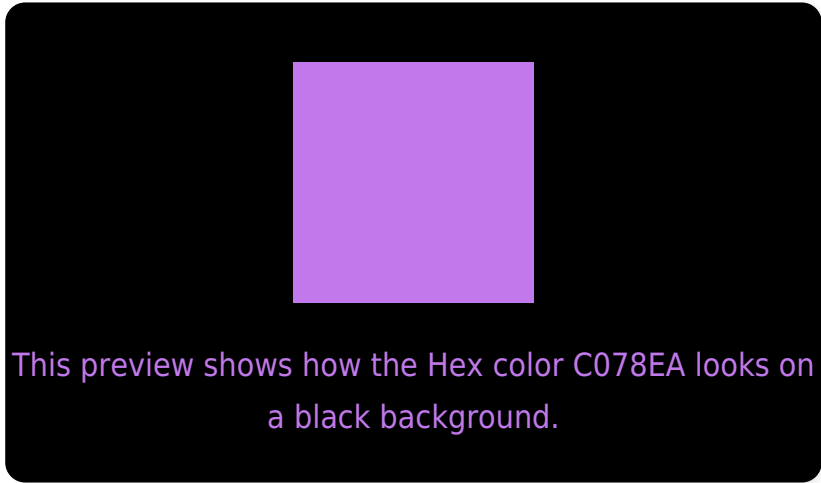
Large Text (above 18pt) WCAG AA × Fail

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

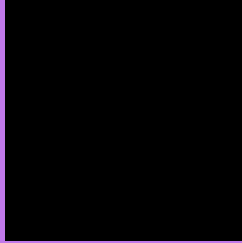
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C078EA Background



This preview shows how black text looks on a background with the Hex color C078EA.

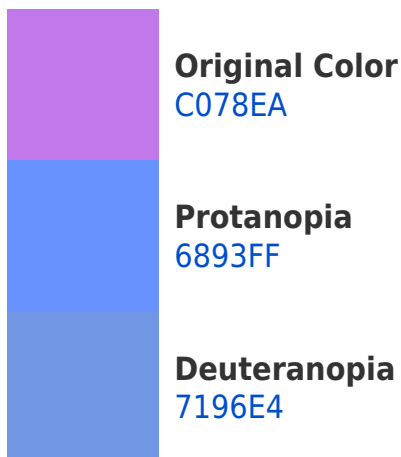


This preview shows how white text looks on a background with the Hex color C078EA.

# 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**  
B38C97

# Trichromacy



**Original Color**  
C078EA



**Protanomaly**  
8889F7



**Deuteranomaly**  
8E8BE6



**Tritanomaly**  
B885B5

# Monochromacy



**Original Color**  
C078EA



**Achromatopsia**  
9B9B9B



**Achromatomaly**  
A88EB8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C078EA 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 #C078EA looks like.

```
.text, #text, p{  
    color:#C078EA  
}
```

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 #C078EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C078EA
}
```

## Border

The CSS property to change the border of an element to Hex C078EA is called "border". The border property can be set on classes, ids or directly on the HTML element.

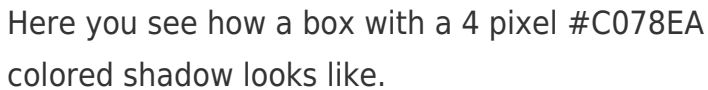
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C078EA }
```

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

```
.border{ border-color:#C078EA }
```

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



Here you see how a box with a 4 pixel `#C078EA` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C078EA; -webkit-box-shadow:4px 4px  
4px 4px #C078EA; box-shadow:4px 4px 4px  
4px #C078EA }
```

# Background

The CSS property to change the background color of an element to Hex C078EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C078EA }
```

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

```
.background{ background-color:#C078EA }
```

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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