

Converting Colors

Hex(C78EB5)

Have a look what the booklet for
Hex(C78EB5) contains.

Hex(C78EB5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C78EB5)

Conversions

Conversions Part 1

Format	Color
Hex	C78EB5
RGB	199, 142, 181
RGB Percent	78%, 56%, 71%
CMY	0.2196, 0.4431, 0.2902
CMYK	0.00, 0.29, 0.09, 0.22
HSL	319°, 34%, 67%
HSV	319°, 29%, 78%
XYZ	41.5667, 34.8243, 48.2470
YIQ	163.4890, 21.4530, 24.2130

Conversions

Conversions Part 2

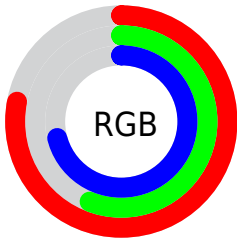
Format	Color
R_{YB}	199, 142, 181
Decimal	13078197
CIE _{Lab}	65.61, 27.75, -11.77
CIE _{LCh}	66, 30.141, 337.023
Yxy	34.8243, 0.3335, 0.2794
Android (android.graphics.Color)	4291268277 (0xFFC78EB5)
YUV	163.4890, 8.6329, 31.1431
Hunter-Lab	59.0121, 22.4597, -7.1657

Details

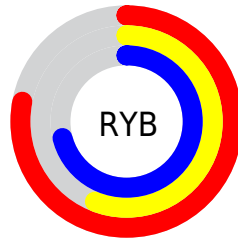
The Hex color **C78EB5** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8EC7A0**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFC4ED**, and **905B80** is the 20% darker color. If you saturate the color by 10%, you get **C77AAF**, and if you desaturate by 10%, it is **C7A2BB**.

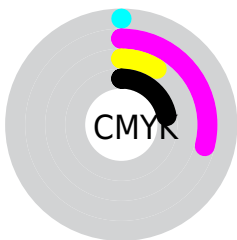
Distribution



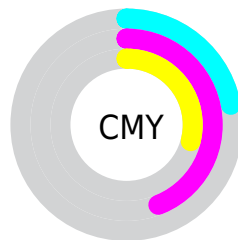
- Red (78%)
- Green (56%)
- Blue (71%)



- Red (78%)
- Yellow (56%)
- Blue (71%)



- Cyan (0%)
- Magenta (29%)
- Yellow (9%)
- Black (22%)



- Cyan (22%)
- Magenta (44%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color C78EB5 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 C78EB5 by changing the saturation by 10% instead.

 C78EB5

 C78EB5

FFFFFF

 AB749A

 FFC4ED

 905B80

 FFE0FF


 764367

 FFFDFD

 5D2B4F

 441438

 2D0023

 11000B

 000000

 C78EB5

 C78EB5

 C77AAF

 C7A2BB

 C766A8

 C7B6C2

 C752A2

 C7CAC8

 C73E9C

 C7DECE

 C72B96

 C7F2D4

 C7178F

 C7FFDB

 C70389

 C7FFE1

 C70088

 C7FFE7

 C7FFEE

Harmonies

Analogous

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



AB96CB



C78EB5



D48B9A

Triad

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



C78EB5



ACA069



45ADB5

Complementary

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



C78EB5



8EC7A0

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.



51AEA5



C78EB5



8EA773

Square

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



C78EB5



C4976E



6FAC89



5DA8D0

Rectangle

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



C78EB5



D58D88



6FAC89



45AEB7

Sweetspot

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



C78EB5



FFE8F8



9F8EC7



80717B



000000



808080

Same Dimension

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



C78EB5



FFA8E4



C78E99



635A60



A30070



240018

Inverse Universe

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



C78EB5



FFA8E4



8EC7BC



635A60



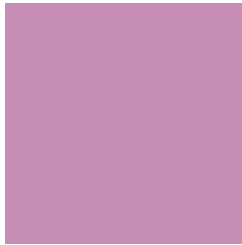
A30070



240018

Previews

White Background



This preview shows how the Hex color C78EB5 looks on a white background.

Color Contrast Check

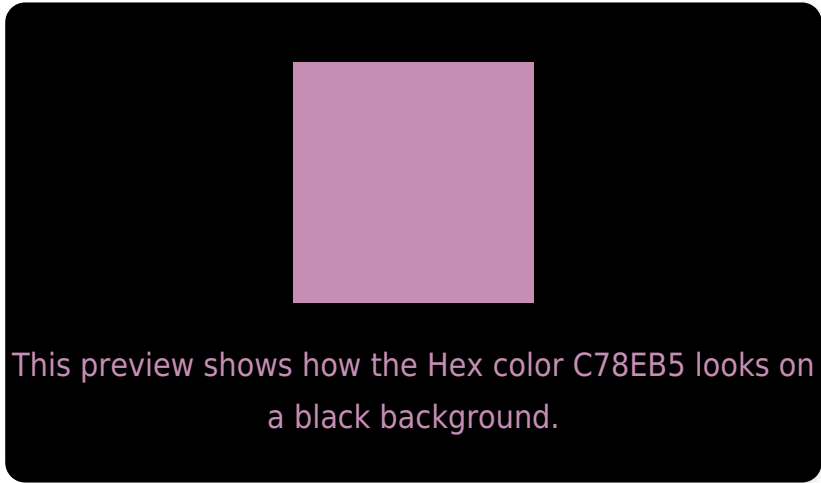
Large Text (above 18pt) WCAG AA × Fail

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

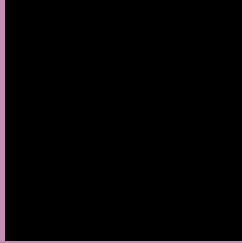
Any Text WCAG AA ✓ Pass

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 C78EB5 Background



This preview shows how black text looks on a background with the Hex color C78EB5.

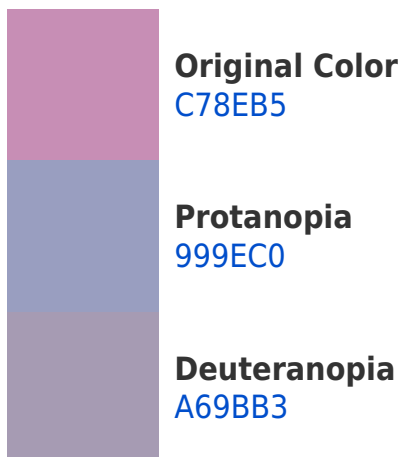



This preview shows how white text looks on a background with the Hex color C78EB5.

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
C4929D

Trichromacy



Original Color
C78EB5

Protanomaly
AA98BC

Deuteranomaly
B296B4

Tritanomaly
C591A6

Monochromacy



Original Color
C78EB5

Achromatopsia
A3A3A3

Achromatomaly
B09BAA

CSS Examples

Text

The CSS property to change the color of the text to Hex C78EB5 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 #C78EB5 looks like.

```
.text, #text, p{  
    color:#C78EB5  
}
```

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 #C78EB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C78EB5
}
```

Border

The CSS property to change the border of an element to Hex C78EB5 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
#C78EB5 }
```

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

```
.border{ border-color:#C78EB5 }
```

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

Here you see how a box with a 4 pixel #C78EB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C78EB5; -webkit-box-shadow:4px 4px  
4px 4px #C78EB5; box-shadow:4px 4px 4px  
4px #C78EB5 }
```

Background

The CSS property to change the background color of an element to Hex C78EB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C78EB5 }
```

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

```
.background{ background-color:#C78EB5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor