

Converting Colors

Hex(CE78B6)

Have a look what the booklet for
Hex(CE78B6) contains.

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Color

Hex(CE78B6)

Conversions

Conversions Part 1

Format	Color
Hex	CE78B6
RGB	206, 120, 182
RGB Percent	81%, 47%, 71%
CMY	0.1922, 0.5294, 0.2863
CMYK	0.00, 0.42, 0.12, 0.19
HSL	317°, 47%, 64%
HSV	317°, 42%, 81%
XYZ	40.6136, 29.9322, 47.8929
YIQ	152.7820, 31.3540, 37.5140

Conversions

Conversions Part 2

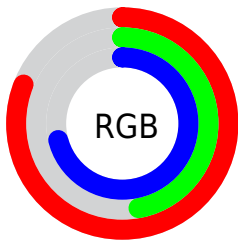
Format	Color
R _Y B	206, 120, 182
Decimal	13531318
CIE Lab	61.60, 42.14, -18.32
CIE LCh	62, 45.945, 336.506
Yxy	29.9322, 0.3429, 0.2527
Android (android.graphics.Color)	4291721398 (0xFFCE78B6)
YUV	152.7820, 14.4045, 46.6722
Hunter-Lab	54.7103, 36.7645, -13.6047

Details

The Hex color **CE78B6** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **78CE90**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFAEEE**, and **964481** is the 20% darker color. If you saturate the color by 10%, you get **CE63B0**, and if you desaturate by 10%, it is **CE8DBC**.

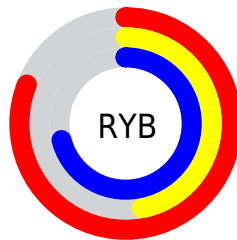
Distribution



Red (81%)

Green (47%)

Blue (71%)



Red (81%)

Yellow (47%)

Blue (71%)

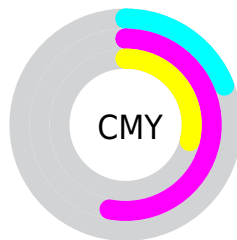


Cyan (0%)

Magenta (42%)

Yellow (12%)

Black (19%)



Cyan (19%)

Magenta (53%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE78B6 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 CE78B6 by changing the saturation by 10% instead.

 CE78B6

 CE78B6

FFFFFF

 B25E9B

 FFAEEE

 964481

 FFCAFF

 7B2B68

 FFE7FF

 610E50

 470038

 300023

 0B000A

 000000

 CE78B6

 CE78B6

 CE63B0

 CE8DBC

 CE4FAB

 CEA1C1

 CE3AA5

 CEB6C7

 CE269F

 CECACD

 CE1199

 CEDFD3

 CE0095

 CEF4D8

 CEFFDE

 CEFFE4

 CEFFEA

Harmonies

Analogous

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



A487D6



CE78B6



E0728D

Triad

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



CE78B6



A49541



00A8C4

Complementary

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



CE78B6



78CE90

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.



00A99D



CE78B6



79A051

Square

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



CE78B6



C7874A



40A773



00A2DF

Rectangle

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



CE78B6



E07573



40A773



00A9B8

Sweetspot

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



CE78B6



FFDEF6



8F78CE



806B7A



000000



808080

Same Dimension

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



CE78B6



FF80DB



CE788C



665C63



A60077



26001C

Inverse Universe

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



CE78B6



FF80DB



78CEBA



665C63



A60077



26001C

Previews

White Background



This preview shows how the Hex color CE78B6 looks on a white background.

Color Contrast Check

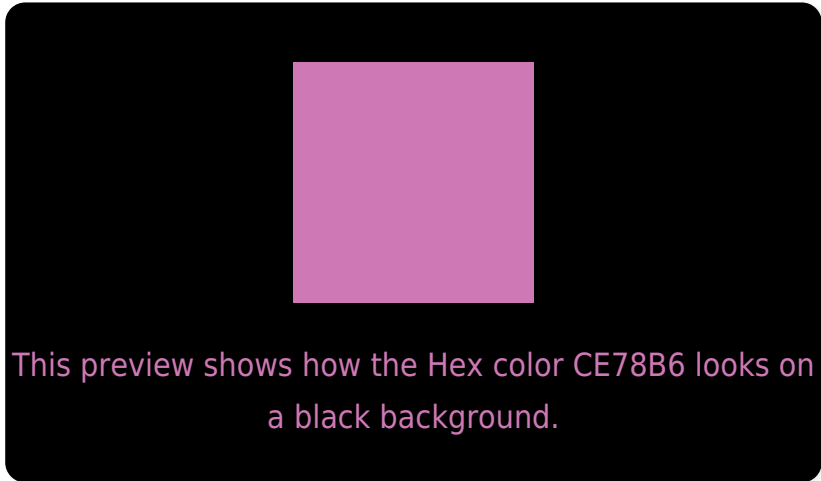
Large Text (above 18pt) WCAG AA ✓ Pass

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

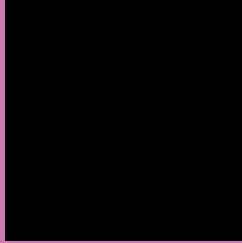
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex CE78B6 Background



This preview shows how black text looks on a background with the Hex color CE78B6.

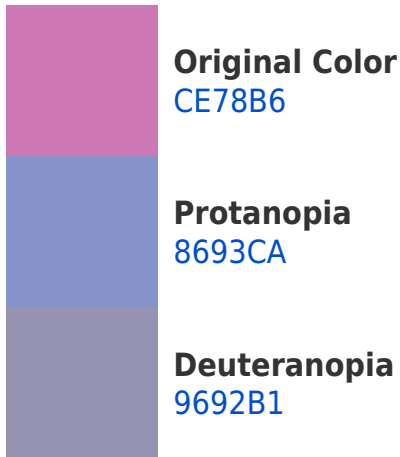



This preview shows how white text looks on a background with the Hex color CE78B6.

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](#).

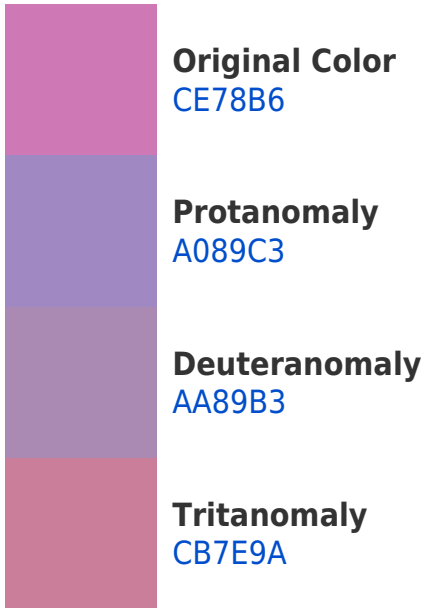
Dichromacy



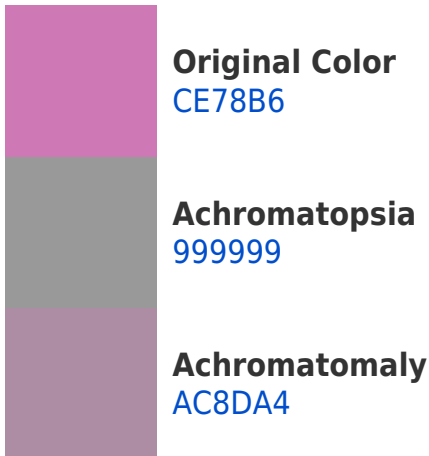


Tritanopia
C9818A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CE78B6 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 #CE78B6 looks like.

```
.text, #text, p{  
    color:#CE78B6  
}
```

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 #CE78B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE78B6
}
```

Border

The CSS property to change the border of an element to Hex CE78B6 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
#CE78B6 }
```

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

```
.border{ border-color:#CE78B6 }
```

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

Here you see how a box with a 4 pixel #CE78B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE78B6; -webkit-box-shadow:4px 4px  
4px 4px #CE78B6; box-shadow:4px 4px 4px  
4px #CE78B6 }
```

Background

The CSS property to change the background color of an element to Hex CE78B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE78B6 }
```

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

```
.background{ background-color:#CE78B6 }
```

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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