

Converting Colors

Hex(CB77AF)

Have a look what the booklet for
Hex(CB77AF) contains.

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Color

Hex(CB77AF)

Conversions

Conversions Part 1

Format	Color
Hex	CB77AF
RGB	203, 119, 175
RGB Percent	80%, 47%, 69%
CMY	0.2039, 0.5333, 0.3137
CMYK	0.00, 0.41, 0.14, 0.20
HSL	320°, 45%, 63%
HSV	320°, 41%, 80%
XYZ	38.9633, 28.9853, 44.0986
YIQ	150.5000, 32.0880, 35.2240

Conversions

Conversions Part 2

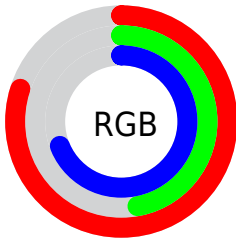
Format	Color
R _Y B	203, 119, 175
Decimal	13334447
CIE Lab	60.77, 40.53, -15.61
CIE LCh	61, 43.433, 338.931
Yxy	28.9853, 0.3477, 0.2587
Android (android.graphics.Color)	4291524527 (0xFFCB77AF)
YUV	150.5000, 12.0785, 46.0425
Hunter-Lab	53.8380, 34.9664, -10.8777

Details

The Hex color **CB77AF** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **77CB93**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFADE7**, and **93447A** is the 20% darker color. If you saturate the color by 10%, you get **CB63A8**, and if you desaturate by 10%, it is **CB8BB6**.

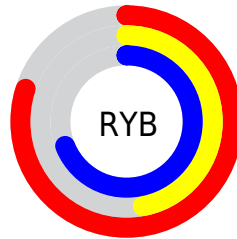
Distribution



Red (80%)

Green (47%)

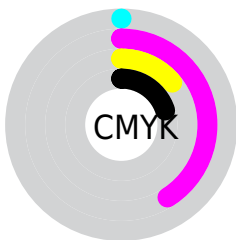
Blue (69%)



Red (80%)

Yellow (47%)

Blue (69%)

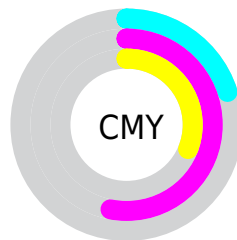


Cyan (0%)

Magenta (41%)

Yellow (14%)

Black (20%)



Cyan (20%)

Magenta (53%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB77AF 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 CB77AF by changing the saturation by 10% instead.

 CB77AF

 CB77AF

FFFFFF

 AF5D94

 FFADE7

 93447A

 FFC9FF

 782A62

 FFE5FF

 5E0E4A

 440033

 2F001E

 020000

 000000

 CB77AF

 CB77AF

 CB63A8

 CB8BB6

 CB4EA1

 CBA0BD

 CB3A9B

 CBB4C3

 CB2694

 CBC8CA

 CB118D

 CBDDD1

 CB0087

 CBF1D8

 CBFFDE

 CBFFE5

 CBFFEC

Harmonies

Analogous

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



A584CE



CB77AF



DB7388

Triad

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



CB77AF



9F9444



00A4C2

Complementary

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



CB77AF



77CB93

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.



00A69D



CB77AF



759E55

Square

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



CB77AF



C0874B



3FA476



009EDA

Rectangle

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



CB77AF



DA7670



3FA476



00A6B6

Sweetspot

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



CB77AF



FFE0F5



9377CB



806E7A



000000



808080

Same Dimension

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



CB77AF



FF80D5



CB7785



665C63



A6006F



26001A

Inverse Universe

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



CB77AF



FF80D5



77CBBD



665C63



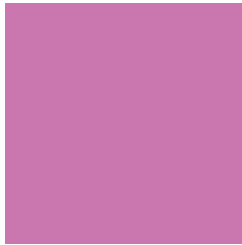
A6006F



26001A

Previews

White Background



This preview shows how the Hex color CB77AF looks on a white background.

Color Contrast Check

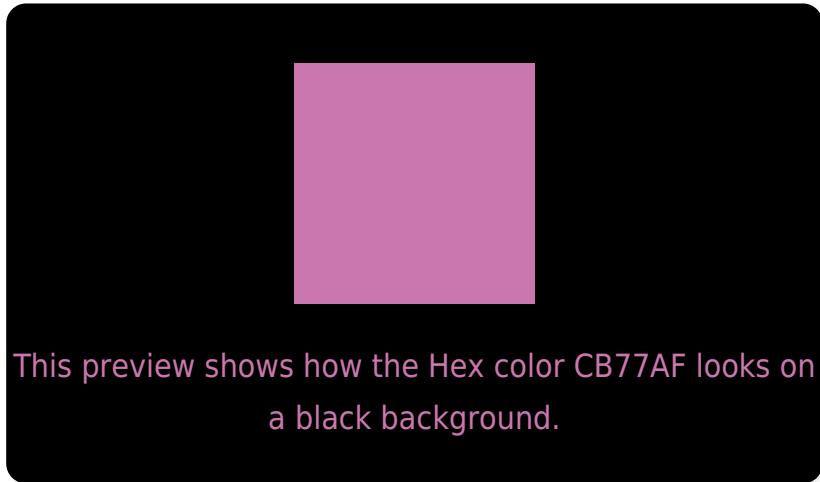
Large Text (above 18pt) WCAG AA ✓ Pass

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

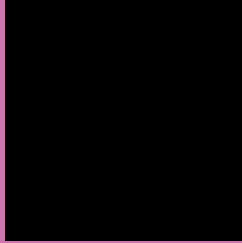
Any Text WCAG AA ✓ Pass

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 CB77AF Background



This preview shows how black text looks on a background with the Hex color CB77AF.

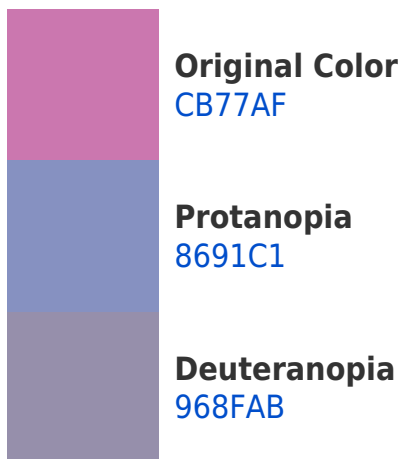


This preview shows how white text looks on a background with the Hex color CB77AF.

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](#).

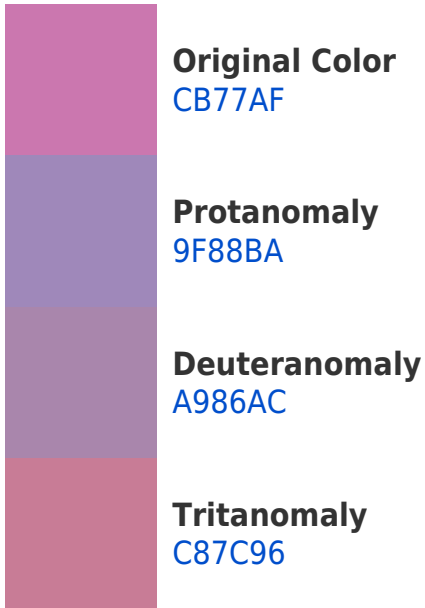
Dichromacy



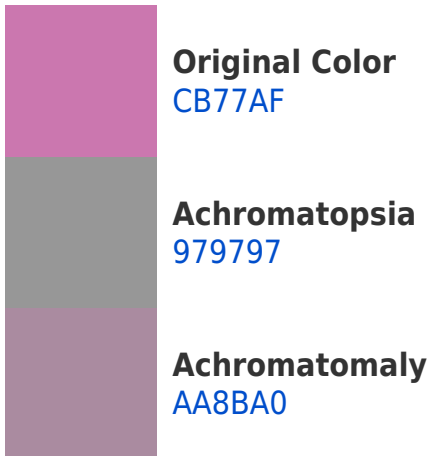


Tritanopia
C77F88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CB77AF 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 #CB77AF looks like.

```
.text, #text, p{  
    color:#CB77AF  
}
```

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 #CB77AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB77AF
}
```

Border

The CSS property to change the border of an element to Hex CB77AF is called "border". The border property can be set on classes, ids or directly on the HTML element.

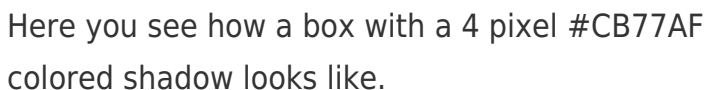
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CB77AF }
```

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

```
.border{ border-color:#CB77AF }
```

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



Here you see how a box with a 4 pixel `#CB77AF` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB77AF; -webkit-box-shadow:4px 4px  
4px 4px #CB77AF; box-shadow:4px 4px 4px  
4px #CB77AF }
```

Background

The CSS property to change the background color of an element to Hex CB77AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB77AF }
```

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

```
.background{ background-color:#CB77AF }
```

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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