

# Converting Colors

Hex(CB7B7C)

Have a look what the booklet for  
Hex(CB7B7C) contains.

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# Color

Hex(CB7B7C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB7B7C
RGB	203, 123, 124
RGB Percent	80%, 48%, 49%
CMY	0.2039, 0.5176, 0.5137
CMYK	0.00, 0.39, 0.39, 0.20
HSL	359°, 43%, 64%
HSV	359°, 39%, 80%
XYZ	35.3497, 28.3177, 22.6715
YIQ	147.0340, 47.3590, 17.2710

# Conversions

## Conversions Part 2

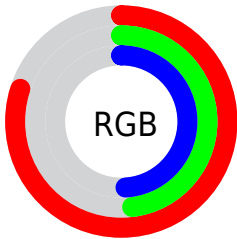
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 123, 124
Decimal	13335420
CIE <sub>Lab</sub>	60.17, 31.23, 12.79
CIE <sub>LCh</sub>	60, 33.752, 22.276
Yxy	28.3177, 0.4094, 0.3280
Android (android.graphics.Color)	4291525500 (0xFFCB7B7C)
YUV	147.0340, -11.3558, 49.0822
Hunter-Lab	53.2143, 25.4503, 11.9901

# Details

The Hex color **CB7B7C** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **7BCBCA**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FFB0B0**, and **92494B** is the 20% darker color. If you saturate the color by 10%, you get **CB6768**, and if you desaturate by 10%, it is **CB8F90**.

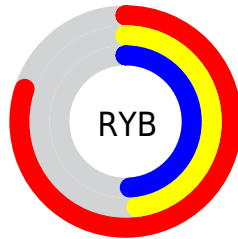
# Distribution



Red (80%)

Green (48%)

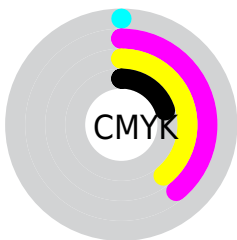
Blue (49%)



Red (80%)

Yellow (48%)

Blue (49%)

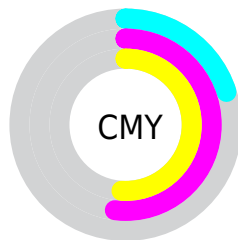


Cyan (0%)

Magenta (39%)

Yellow (39%)

Black (20%)



Cyan (20%)

Magenta (52%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB7B7C 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 CB7B7C by changing the saturation by 10% instead.



 CB7B7C

 CB7B7C

FFFFFF

 AE6163

 FFB0B0

 92494B

 FFC0CC

 773035

 FFE9E8

 5C1820

 420008

 2C0001

 000000

 CB7B7C

 CB7B7C

 CB6768

 CB8F90

 CB5254

 CBA4A4

 CB3E40

 CBB8B8

 CB2A2C

 CBCCCC

 CB1618

 CBE1E0

 CB0104

 CBF5F4

 CB0003

 CBFFFF

# Harmonies

## Analogous

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



C57B9A



CB7B7C



C18263

# Triad

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



CB7B7C



6C9D6C



5896CB

# Complementary

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



CB7B7C



7BCBCA

# 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.



209DBF



CB7B7C



44A088

# Square

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



CB7B7C



8E9659



15A1A7



898CC8

# Rectangle

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



CB7B7C



B48959



15A1A7



4699C9

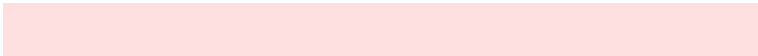


# Sweetspot

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



CB7B7C



FFE0E1



CA7BCB



806E6E



000000



808080



# Same Dimension

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



CB7B7C



FF8789



CBA27B



665C5C



A60002



260000



# Inverse Universe

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



CB7B7C



FF8789



7BA4CB



665C5C



A60002

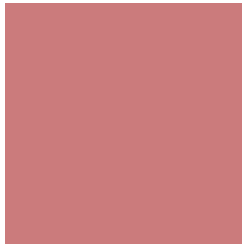


260000



# Previews

## White Background



This preview shows how the Hex color CB7B7C looks on a white background.

## Color Contrast Check

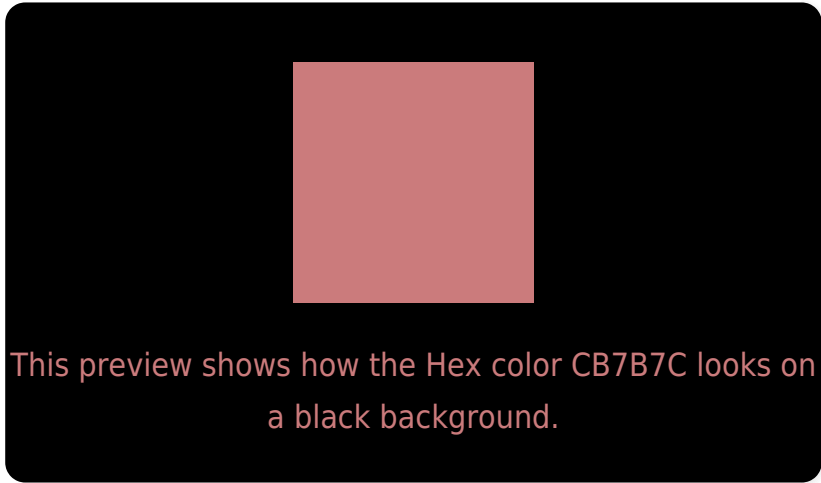
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB7B7C Background



This preview shows how black text looks on a background with the Hex color CB7B7C.




This preview shows how white text looks on a background with the Hex color CB7B7C.

# 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**  
CC7A83

# Trichromacy



**Original Color**  
CB7B7C

**Protanomaly**  
A98983

**Deuteranomaly**  
B5867A

**Tritanomaly**  
CC7A80

# Monochromacy



**Original Color**  
CB7B7C

**Achromatopsia**  
939393

**Achromatomaly**  
A78A8B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB7B7C 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 #CB7B7C looks like.

```
.text, #text, p{  
    color:#CB7B7C  
}
```

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 #CB7B7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB7B7C
}
```

## Border

The CSS property to change the border of an element to Hex CB7B7C is called "border". The border property can be set on classes, ids or directly on the HTML element.

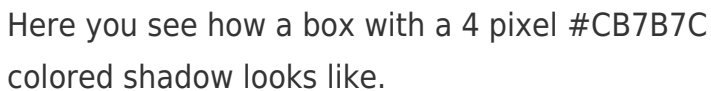
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CB7B7C }
```

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

```
.border{ border-color:#CB7B7C }
```

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



Here you see how a box with a 4 pixel `#CB7B7C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB7B7C; -webkit-box-shadow:4px 4px  
4px 4px #CB7B7C; box-shadow:4px 4px 4px  
4px #CB7B7C }
```

# Background

The CSS property to change the background color of an element to Hex CB7B7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB7B7C }
```

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

```
.background{ background-color:#CB7B7C }
```

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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