

# Converting Colors

Hex(CB7079)

Have a look what the booklet for  
Hex(CB7079) contains.

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**Color**

**Hex(CB7079)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB7079
RGB	203, 112, 121
RGB Percent	80%, 44%, 47%
CMY	0.2039, 0.5608, 0.5255
CMYK	0.00, 0.45, 0.40, 0.20
HSL	354°, 47%, 62%
HSV	354°, 45%, 80%
XYZ	33.8740, 25.6653, 21.2577
YIQ	140.2350, 51.3470, 22.0910

# Conversions

## Conversions Part 2

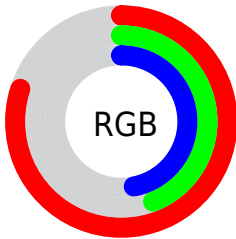
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 112, 121
Decimal	13332601
CIE Lab	57.72, 36.75, 11.08
CIE LCh	58, 38.380, 16.773
Yxy	25.6653, 0.4192, 0.3177
Android (android.graphics.Color)	4291522681 (0xFFCB7079)
YUV	140.2350, -9.4829, 55.0449
Hunter-Lab	50.6610, 30.6956, 10.5842

# Details

The Hex color **CB7079** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **70CBC2**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FFA5AD**, and **923D49** is the 20% darker color. If you saturate the color by 10%, you get **CB5C67**, and if you desaturate by 10%, it is **CB848B**.

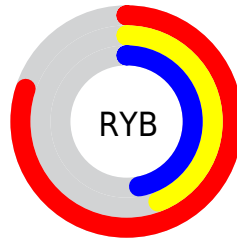
# Distribution



Red (80%)

Green (44%)

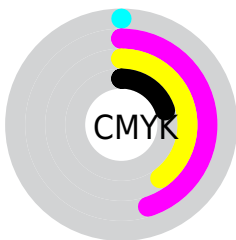
Blue (47%)



Red (80%)

Yellow (44%)

Blue (47%)

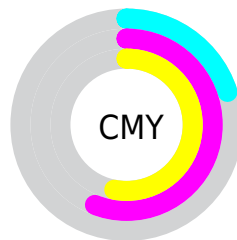


Cyan (0%)

Magenta (45%)

Yellow (40%)

Black (20%)



Cyan (20%)

Magenta (56%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB7079 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 CB7079 by changing the saturation by 10% instead.



 CB7079

 CB7079

FFFFFF

 AE5660

 FFA5AD

 923D49

 FFC1C9

 762432

 FFDDE5

 5B071D

 FFFAFF

 410003

 280001

 000000

 CB7079

 CB7079

 CB5C67

 CB848B

 CB4754

 CB999E

 CB3342

 CBADB0

 CB1F30

 CBC1C2

 CB0B1E

 CBD6D4

 CB0014

 CBEAE7

 CBFEF9

 CBF9FF

# Harmonies

## Analogous

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



C2719B



CB7079



C3785B

# Triad

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



CB7079



67975B



3192CB

# Complementary

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



CB7079



70CBC2

# 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.



0099BB



CB7079



359B7A

# Square

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



CB7079



8D8F49



009C9D



7788CB

# Rectangle

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



CB7079



B57F4D



009C9D



0095C8



# Sweetspot

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



CB7079



FFDEE1



C270CB



806B6D



000000



808080



# Same Dimension

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



CB7079



FF7583



CB9470



665C5D



A60010



260004



# Inverse Universe

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



CB7079



FF7583



70A7CB



665C5D



A60010



260004



# Previews

## White Background



This preview shows how the Hex color CB7079 looks on a white background.

## Color Contrast Check

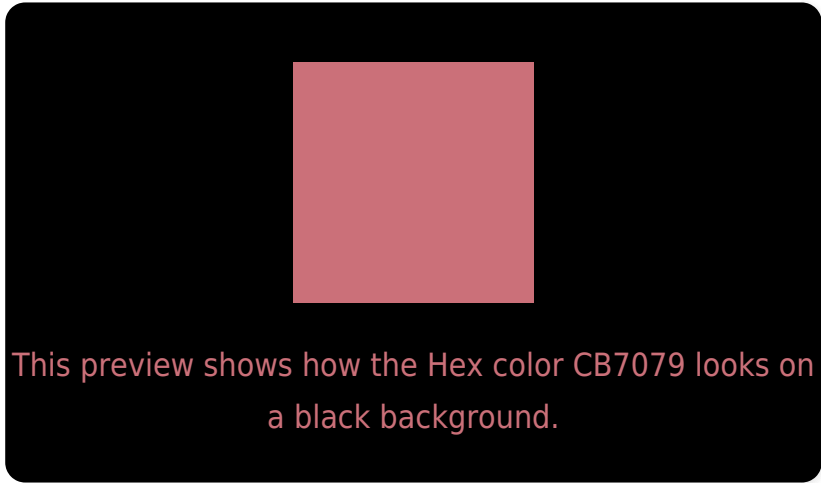
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB7079 Background



This preview shows how black text looks on a background with the Hex color CB7079.



This preview shows how white text looks on a background with the Hex color CB7079.

# 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



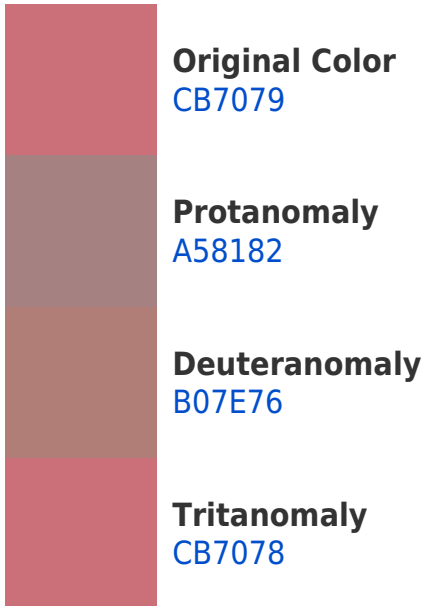
**Original Color**  
CB7079

**Protanopia**  
8F8B87

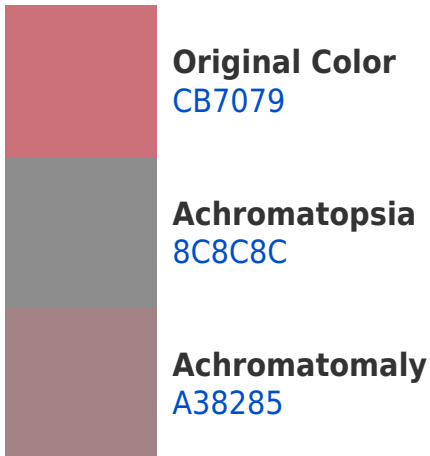
**Deuteranopia**  
A08675



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB7079 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 #CB7079 looks like.

```
.text, #text, p{  
    color:#CB7079  
}
```

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 #CB7079 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB7079
}
```

## Border

The CSS property to change the border of an element to Hex CB7079 is called "border". The border property can be set on classes, ids or directly on the HTML element.

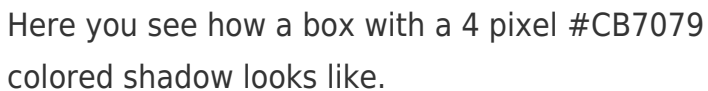
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CB7079 }
```

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

```
.border{ border-color:#CB7079 }
```

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



Here you see how a box with a 4 pixel `#CB7079` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB7079; -webkit-box-shadow:4px 4px  
4px 4px #CB7079; box-shadow:4px 4px 4px  
4px #CB7079 }
```

# Background

The CSS property to change the background color of an element to Hex CB7079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB7079 }
```

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

```
.background{ background-color:#CB7079 }
```

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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