

Converting Colors

Hex(CB7070)

Have a look what the booklet for
Hex(CB7070) contains.

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Color

Hex(CB7070)

Conversions

Conversions Part 1

Format	Color
Hex	CB7070
RGB	203, 112, 112
RGB Percent	80%, 44%, 44%
CMY	0.2039, 0.5608, 0.5608
CMYK	0.00, 0.45, 0.45, 0.20
HSL	0°, 47%, 62%
HSV	0°, 45%, 80%
XYZ	33.3474, 25.4547, 18.4849
YIQ	139.2090, 54.2360, 19.2920

Conversions

Conversions Part 2

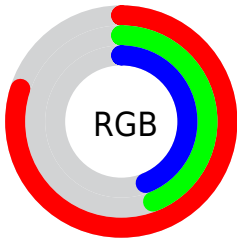
Format	Color
RYB	203, 112, 112
Decimal	13332592
CIELab	57.52, 35.77, 16.01
CIElCh	58, 39.191, 24.109
Yxy	25.4547, 0.4315, 0.3294
Android (android.graphics.Color)	4291522672 (0xFFCB7070)
YUV	139.2090, -13.4140, 55.9447
Hunter-Lab	50.4527, 29.6900, 13.5941

Details

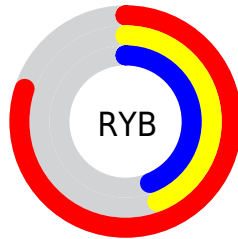
The Hex color **CB7070** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **70CBCB**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FFA5A4**, and **913D40** is the 20% darker color. If you saturate the color by 10%, you get **CB5C5C**, and if you desaturate by 10%, it is **CB8484**.

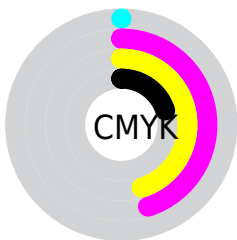
Distribution



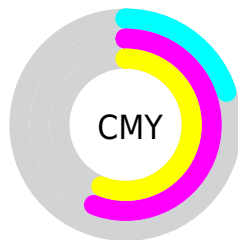
- Red (80%)
- Green (44%)
- Blue (44%)



- Red (80%)
- Yellow (44%)
- Blue (44%)



- Cyan (0%)
- Magenta (45%)
- Yellow (45%)
- Black (20%)



- Cyan (20%)
- Magenta (56%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB7070 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 CB7070 by changing the saturation by 10% instead.


 CB7070

 CB7070

FFFFFF

 AE5658

 FFA5A4

 913D40

 FFC1BF

 75252A

 FFDDDB

 5A0816

 FFFAF7

 400000

 260001

 000000

 CB7070

 CB7070

 CB5C5C

 CB8484

 CB4747

 CB9999

 CB3333

 CBADAD

 CB1F1F

 CBC1C1

 CB0B0B

 CBD6D6

 CB0000

 CBEAEA

 CBFEFE

 CBFFFF

Harmonies

Analogous

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



C66F92



CB7070



BE7A54

Triad

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



CB7070



5B9861



4290CE

Complementary

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



CB7070



70CBCB

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.



0098C1



CB7070



1D9B82

Square

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



CB7070



83914A



009CA5



8384C9

Rectangle

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



CB7070



AF8248



009CA5



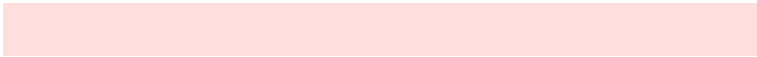
1F93CB

Sweetspot

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



CB7070



FFDEDE



CB70CB



806B6B



000000



808080

Same Dimension

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



CB7070



FF7575



CB9E70



665C5C



A60000



260000

Inverse Universe

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



70CBCB



75FFFF



709ECB



5C6666



00A6A6



002626

Previews

White Background



This preview shows how the Hex color CB7070 looks on a white background.

Color Contrast Check

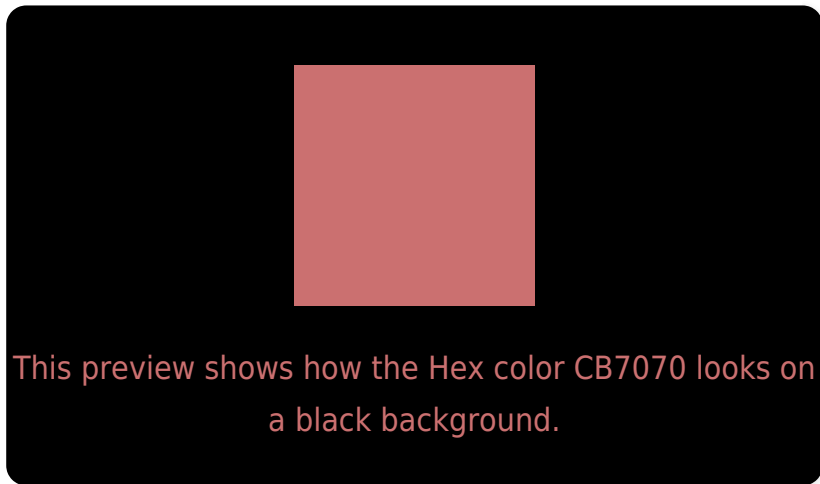
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB7070 Background



This preview shows how black text looks on a background with the Hex color CB7070.



This preview shows how white text looks on a background with the Hex color CB7070.

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

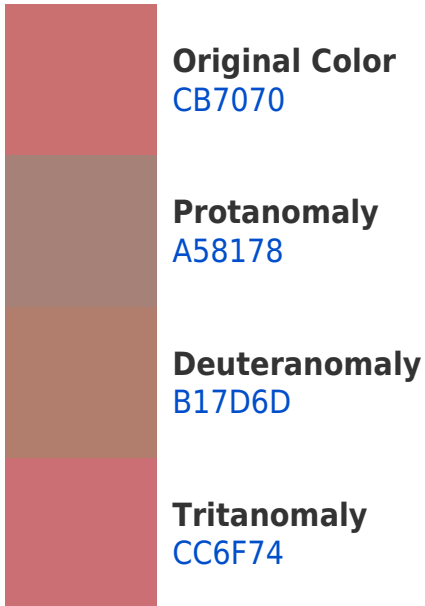


Original Color
CB7070

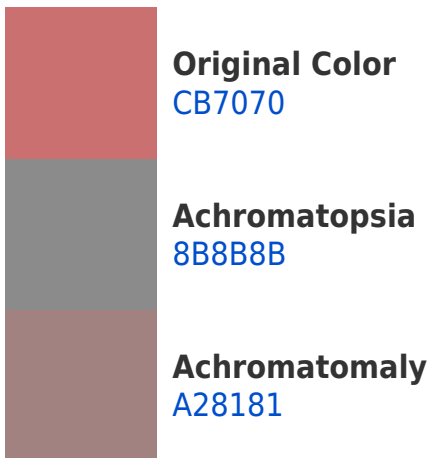
Protanopia
908A7D

Deuteranopia
A2856C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CB7070 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 #CB7070 looks like.

```
.text, #text, p{  
    color:#CB7070  
}
```

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 #CB7070 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB7070
}
```

Border

The CSS property to change the border of an element to Hex CB7070 is called "border". The border property can be set on classes, ids or directly on the HTML element.

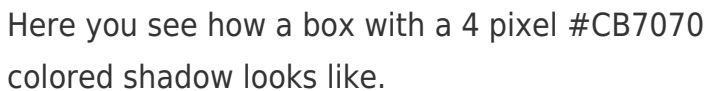
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CB7070 }
```

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

```
.border{ border-color:#CB7070 }
```

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



Here you see how a box with a 4 pixel #CB7070 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB7070; -webkit-box-shadow:4px 4px  
4px 4px #CB7070; box-shadow:4px 4px 4px  
4px #CB7070 }
```

Background

The CSS property to change the background color of an element to Hex CB7070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB7070 }
```

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

```
.background{ background-color:#CB7070 }
```

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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