

# Converting Colors

Hex(CB7CAD)

Have a look what the booklet for  
Hex(CB7CAD) contains.

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# **Color**

**Hex(CB7CAD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB7CAD
RGB	203, 124, 173
RGB Percent	80%, 49%, 68%
CMY	0.2039, 0.5137, 0.3216
CMYK	0.00, 0.39, 0.15, 0.20
HSL	323°, 43%, 64%
HSV	323°, 39%, 80%
XYZ	39.3791, 30.1289, 43.2751
YIQ	153.2070, 31.3550, 31.9870

# Conversions

## Conversions Part 2

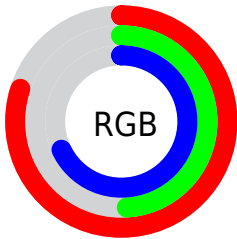
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 124, 173
Decimal	13335725
CIE <sub>Lab</sub>	61.77, 37.55, -12.97
CIE <sub>LCh</sub>	62, 39.727, 340.946
Yxy	30.1289, 0.3492, 0.2671
Android (android.graphics.Color)	4291525805 (0xFFFCB7CAD)
YUV	153.2070, 9.7579, 43.6685
Hunter-Lab	54.8898, 32.0023, -8.3213

# Details

The Hex color **CB7CAD** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7CCB9A**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFB2E4**, and **934979** is the 20% darker color. If you saturate the color by 10%, you get **CB68A5**, and if you desaturate by 10%, it is **CB90B5**.

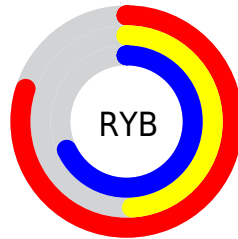
# Distribution



Red (80%)

Green (49%)

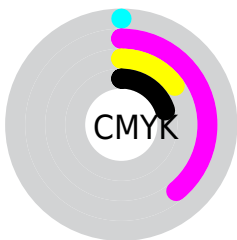
Blue (68%)



Red (80%)

Yellow (49%)

Blue (68%)

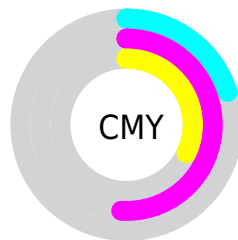


Cyan (0%)

Magenta (39%)

Yellow (15%)

Black (20%)



Cyan (20%)

Magenta (51%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB7CAD 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 CB7CAD by changing the saturation by 10% instead.



 CB7CAD

 CB7CAD

FFFFFF

 AF6292

 FFB2E4

 934979

 FFCEFF

 783060

 FFEAFF

 5E1648

 450031

 2F001D

 050000

 000000

 CB7CAD

 CB7CAD

 CB68A5

 CB90B5

 CB539E

 CBA5BC

 CB3F96

 CBB9C4

 CB2B8E

 CBCDCC

 CB1686

 CBE2D4

 CB027F

 CBF6DB

 CB007E

 CBFFE3

 CBFFEB

 CBFFF2

# Harmonies

## Analogous

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



A987CB



CB7CAD



D9798A

# Triad

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



CB7CAD



9F974E



00A6C2

# Complementary

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



CB7CAD



7CCB9A

# 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.



00A8A1



CB7CAD



78A05F

# Square

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



CB7CAD



BE8B53



49A67D



259FD7

# Rectangle

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



CB7CAD



D77C73



49A67D



00A7B8



# Sweetspot

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



CB7CAD



FFE0F3



997CCB



806E79



000000



808080



# Same Dimension

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



CB7CAD



FF87D1



CB7C87



665C62



A60067



260018



# Inverse Universe

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



CB7CAD



FF87D1



7CCBC0



665C62



A60067

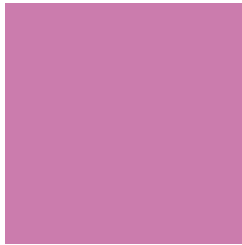


260018



# Previews

## White Background



This preview shows how the Hex color CB7CAD looks on a white background.

## Color Contrast Check

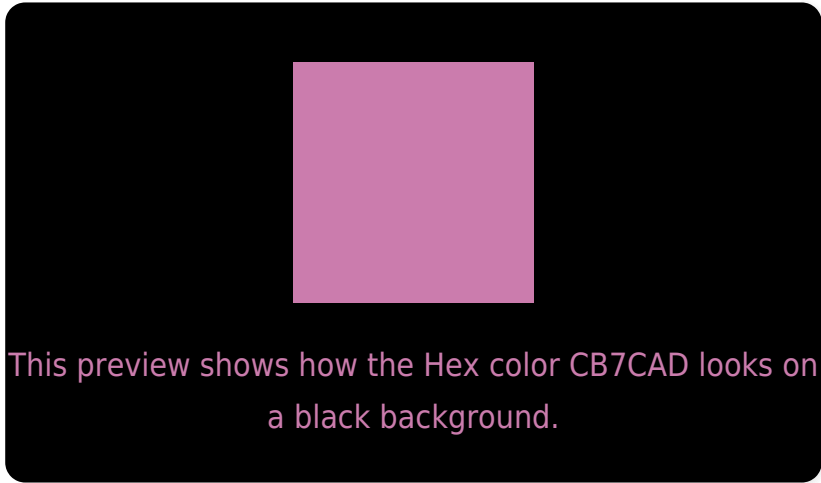
Large Text (above 18pt) WCAG AA × Fail

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

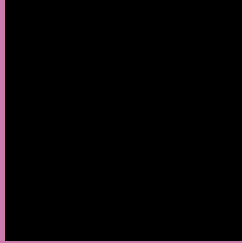
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CB7CAD Background



This preview shows how black text looks on a background with the Hex color CB7CAD.

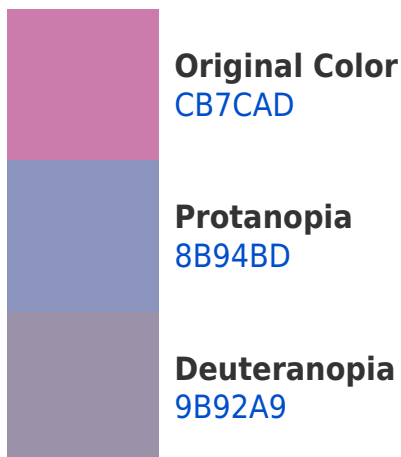



This preview shows how white text looks on a background with the Hex color CB7CAD.

# 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](#).

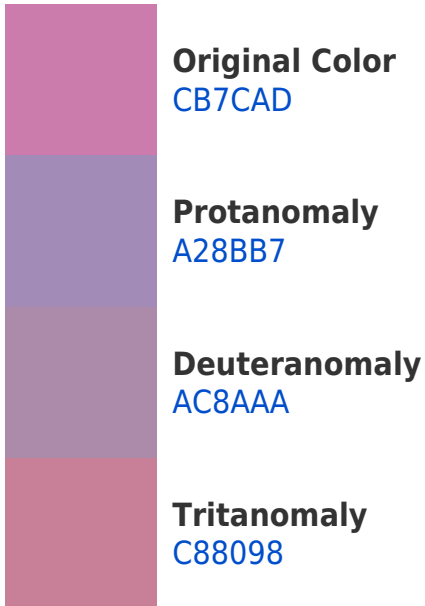
## Dichromacy





**Tritanopia**  
C7828C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB7CAD 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 #CB7CAD looks like.

```
.text, #text, p{  
    color:#CB7CAD  
}
```

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 #CB7CAD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB7CAD
}
```

## Border

The CSS property to change the border of an element to Hex CB7CAD 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
#CB7CAD }
```

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

```
.border{ border-color:#CB7CAD }
```

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

Here you see how a box with a 4 pixel #CB7CAD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB7CAD; -webkit-box-shadow:4px 4px  
4px 4px #CB7CAD; box-shadow:4px 4px 4px  
4px #CB7CAD }
```

# Background

The CSS property to change the background color of an element to Hex CB7CAD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB7CAD }
```

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

```
.background{ background-color:#CB7CAD }
```

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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