

# Converting Colors

Hex(CBC8C6)

Have a look what the booklet for  
Hex(CBC8C6) contains.

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# **Color**

**Hex(CBC8C6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBC8C6
RGB	203, 200, 198
RGB Percent	80%, 78%, 78%
CMY	0.2039, 0.2157, 0.2235
CMYK	0.00, 0.01, 0.02, 0.20
HSL	24°, 5%, 79%
HSV	24°, 2%, 80%
XYZ	55.4759, 58.0823, 61.7132
YIQ	200.6690, 2.4300, 0.0140

# Conversions

## Conversions Part 2

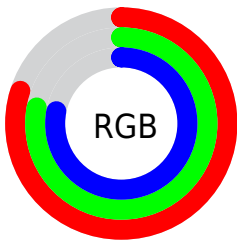
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 201, 198
Decimal	13355206
CIE <sub>Lab</sub>	80.78, 0.68, 1.36
CIE <sub>LCh</sub>	81, 1.516, 63.352
Yxy	58.0823, 0.3165, 0.3314
Android (android.graphics.Color)	4291545286 (0xFFCBC8C6)
YUV	200.6690, -1.3158, 2.0443
Hunter-Lab	76.2117, -3.4371, 5.3376

# Details

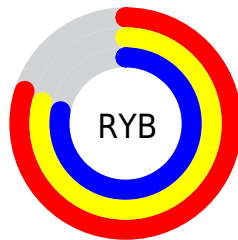
The Hex color **CBC8C6** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **C6C9CB**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFFFFF**, and **959290** is the 20% darker color. If you saturate the color by 10%, you get **CBBCB2**, and if you desaturate by 10%, it is **CBD4DA**.

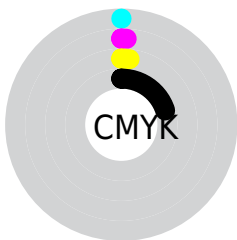
# Distribution



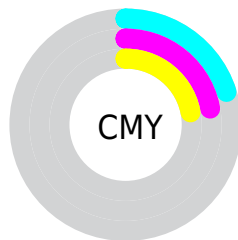
- Red (80%)
- Green (78%)
- Blue (78%)



- Red (80%)
- Yellow (79%)
- Blue (78%)



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (20%)



- Cyan (20%)
- Magenta (22%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBC8C6 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 CBC8C6 by changing the saturation by 10% instead.



■ CBC8C6

FFFFFF

■ CBC8C6

■ B0ADAB

■ 959290

■ 7B7877

■ 62605E

■ 4B4846

■ 343230

■ 1F1D1B

■ 060200

■ 000000

 CBC8C6

 CBC8C6

 CBBCB2

 CBD4DA

 CBB09D

 CBE0EF

 CBA389

 CBEDFF

 CB9775

 CBF9FF

 CB8B61

 CBFFFF

 CB7F4C

 CB7338

 CB6724

 CB5A0F

# Harmonies

## Analogous

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



CCC8C7



CBC8C6



CAC8C6

# Triad

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



CBC8C6



C5C9C9



C9C8CB

# Complementary

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



CBC8C6



C6C9CB

# 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.



C7C9CB



CBC8C6



C5C9CA

# Square

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



CBC8C6



C6C9C7



C6C9CB



CBC8CA

# Rectangle

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



CBC8C6



C9C9C6



C6C9CB



C8C8CB



# Sweetspot

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



CBC8C6



FFFDFC



CBC6C9



807F7E



000000



808080

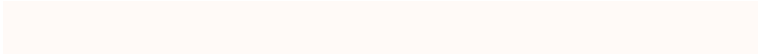


# Same Dimension

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



CBC8C6



FFFAF7



CBCBC6



666462



A64200



260F00



# Inverse Universe

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



C6C9CB



F7FCFF



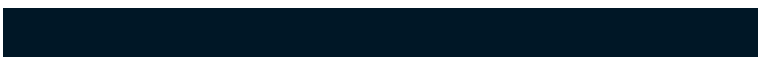
C6C7CB



626466



0063A6

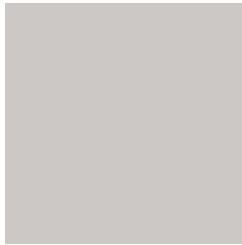


001726



# Previews

## White Background



This preview shows how the Hex color CBC8C6 looks on a white background.

## Color Contrast Check

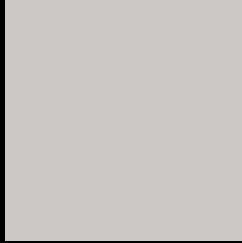
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color CBC8C6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

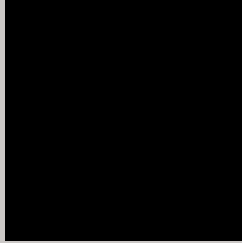
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

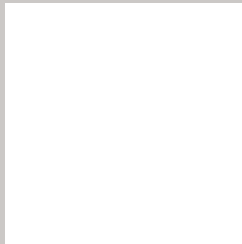
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CBC8C6 Background



This preview shows how black text looks on a background with the Hex color CBC8C6.

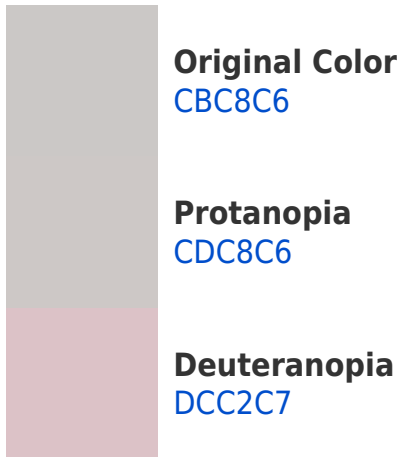


This preview shows how white text looks on a background with the Hex color CBC8C6.

# 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





# Trichromacy



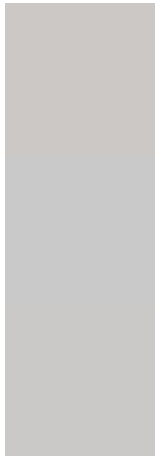
**Original Color**  
CBC8C6

**Protanomaly**  
CCC8C6

**Deuteranomaly**  
D6C4C7

**Tritanomaly**  
CCC7D0

# Monochromacy



**Original Color**  
CBC8C6

**Achromatopsia**  
C9C9C9

**Achromatomaly**  
CAC9C8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBC8C6 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 #CBC8C6 looks like.

```
.text, #text, p{  
    color:#CBC8C6  
}
```

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 #CBC8C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBC8C6
}
```

## Border

The CSS property to change the border of an element to Hex CBC8C6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

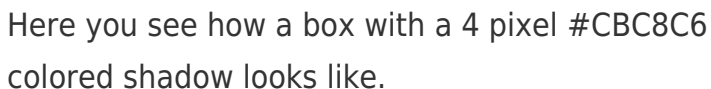
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CBC8C6 }
```

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

```
.border{ border-color:#CBC8C6 }
```

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



Here you see how a box with a 4 pixel `#CBC8C6` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBC8C6; -webkit-box-shadow:4px 4px  
4px 4px #CBC8C6; box-shadow:4px 4px 4px  
4px #CBC8C6 }
```

# Background

The CSS property to change the background color of an element to Hex CBC8C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBC8C6 }
```

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

```
.background{ background-color:#CBC8C6 }
```

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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