

# Converting Colors

Hex(CBBDC0)

Have a look what the booklet for  
Hex(CBBDC0) contains.

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# **Color**

**Hex(CBBDC0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBBDC0
RGB	203, 189, 192
RGB Percent	80%, 74%, 75%
CMY	0.2039, 0.2588, 0.2471
CMYK	0.00, 0.07, 0.05, 0.20
HSL	347°, 12%, 77%
HSV	347°, 7%, 80%
XYZ	52.3406, 52.8975, 57.3208
YIQ	193.5280, 7.3810, 3.9010

# Conversions

## Conversions Part 2

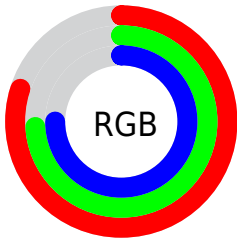
Format	Color
R <sub>Y</sub> B	203, 189, 192
Decimal	13352384
CIE Lab	77.81, 5.46, 0.26
CIE LCh	78, 5.463, 2.711
Yxy	52.8975, 0.3220, 0.3254
Android (android.graphics.Color)	4291542464 (0xFFCBBDC0)
YUV	193.5280, -0.7533, 8.3069
Hunter-Lab	72.7306, 1.1789, 4.1836

# Details

The Hex color **CBBDC0** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **BDCBC8**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFF5F8**, and **95888B** is the 20% darker color. If you saturate the color by 10%, you get **CBA9B0**, and if you desaturate by 10%, it is **CBD1D0**.

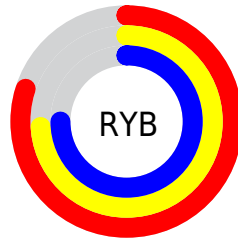
# Distribution



Red (80%)

Green (74%)

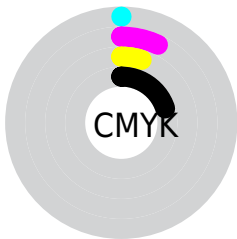
Blue (75%)



Red (80%)

Yellow (74%)

Blue (75%)

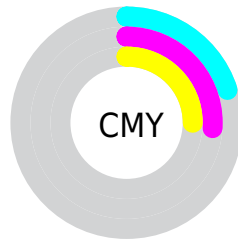


Cyan (0%)

Magenta (7%)

Yellow (5%)

Black (20%)



Cyan (20%)

Magenta (26%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBBDC0 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 CBBDC0 by changing the saturation by 10% instead.



 CBBDC0

FFFFFF

 FFF5F8

 CBBDC0

 B0A2A5

 95888B


 7B6E71

 625659

 4A3F41

 34292B

 1E1517

 000000

 CBBDC0

 CBBDC0

 CBA9B0

 CBD1D0

 CB94A0

 CBE6E0

 CB8090

 CBFAF0

 CB6C80

 CBFFFF

 CB5870

 CB4360

 CB2F50

 CB1B40

 CB0630

# Harmonies

## Analogous

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



C8BEC5



CBBDC0



CCBDBB

# Triad

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



CBBDC0



BEC2B8



B7C2C9

# Complementary

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



CBBDC0



BDCBC8

# 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.



B4C3C6



CBBDC0



B9C3BC

# Square

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



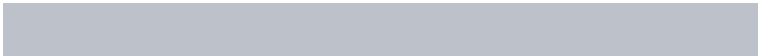
CBBDC0



C4C0B6



B5C3C1



BCC1CA

# Rectangle

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



CBBDC0



CABEB8



B5C3C1



B6C3C8



# Sweetspot

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



CBBDC0



FFFAFB



C8BDCB



807D7D



000000



808080



# Same Dimension

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



CBBDC0



FFEBEF



CBC1BD



665C5E



A60024



260008



# Inverse Universe

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



CBBDC0



FFEBEF



BDC7CB



665C5E



A60024



260008



# Previews

## White Background



This preview shows how the Hex color CBBDC0 looks on a white background.

## Color Contrast Check

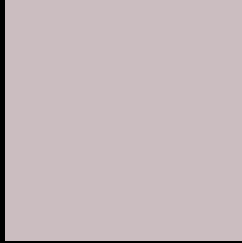
Large Text (above 18pt) WCAG AA × Fail

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 CBBDC0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

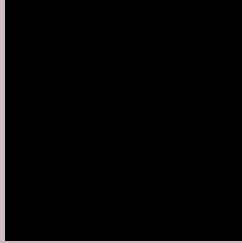
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

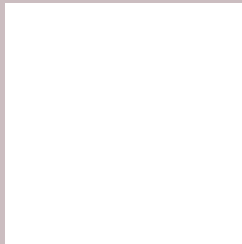
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CBBDC0 Background



This preview shows how black text looks on a background with the Hex color CBBDC0.



This preview shows how white text looks on a background with the Hex color CBBDC0.

# 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**  
CBBDC0

**Protanopia**  
C3BFC1

**Deuteranopia**  
D3BAC1



# Trichromacy



**Original Color**  
CBBDC0

**Protanomaly**  
C6BEC1

**Deuteranomaly**  
D0BBC1

**Tritanomaly**  
CCBCC6

# Monochromacy



**Original Color**  
CBBDC0

**Achromatopsia**  
C2C2C2

**Achromatomaly**  
C5C0C1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBBDC0 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 #CBBDC0 looks like.

```
.text, #text, p{  
    color:#CBBDC0  
}
```

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 #CBBDC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBBDC0  
}
```

## Border

The CSS property to change the border of an element to Hex CBBDC0 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  
#CBBDC0 }
```

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

```
.border{ border-color:#CBBDC0 }
```

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

Here you see how a box with a 4 pixel #CBBDC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBBDC0; -webkit-box-shadow:4px 4px  
4px 4px #CBBDC0; box-shadow:4px 4px 4px  
4px #CBBDC0 }
```

# Background

The CSS property to change the background color of an element to Hex CBBDC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBBDC0 }
```

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

```
.background{ background-color:#CBBDC0 }
```

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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