

Converting Colors

Hex(CCBDBC)

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

Hex(CCBDBC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CCBDBC)

Conversions

Conversions Part 1

Format	Color
Hex	CCBDBC
RGB	204, 189, 188
RGB Percent	80%, 74%, 74%
CMY	0.2000, 0.2588, 0.2627
CMYK	0.00, 0.07, 0.08, 0.20
HSL	4°, 14%, 77%
HSV	4°, 8%, 80%
XYZ	52.1765, 52.8634, 55.0306
YIQ	193.3710, 9.2610, 2.8690

Conversions

Conversions Part 2

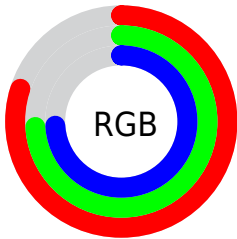
Format	Color
R_{YB}	204, 189, 188
Decimal	13417916
CIE _{Lab}	77.79, 5.12, 2.40
CIE _{LCh}	78, 5.652, 25.168
Yxy	52.8634, 0.3260, 0.3303
Android (android.graphics.Color)	4291607996 (0xFFCCBDBC)
YUV	193.3710, -2.6479, 9.3216
Hunter-Lab	72.7072, 0.8585, 6.0197

Details

The Hex color **CCBDBC** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **BCCBCC**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFF5F4**, and **968887** is the 20% darker color. If you saturate the color by 10%, you get **CCAAA8**, and if you desaturate by 10%, it is **CCD0D0**.

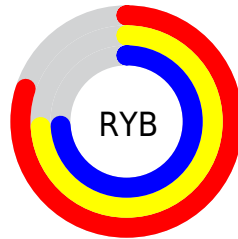
Distribution



Red (80%)

Green (74%)

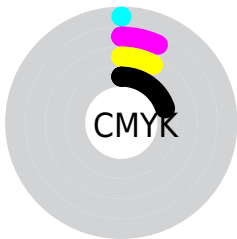
Blue (74%)



Red (80%)

Yellow (74%)

Blue (74%)

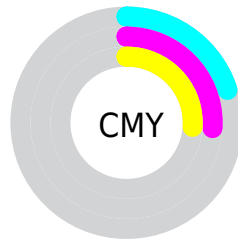


Cyan (0%)

Magenta (7%)

Yellow (8%)

Black (20%)



Cyan (20%)

Magenta (26%)

Yellow (26%)

Brightness & Saturation Gradients

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

 CCBDBC

FFFFFF

 FFF5F4

 CCBDBC

 B1A2A1

 968887

 7C6E6E

 635655

 4B3F3E

 342928

 1F1514

 000000

 CCBDBC

 CCBDBC

■ CCAAA8

■ CCD0D0

■ CC9793

■ CCE3E5

■ CC847F

■ CCF6F9

■ CC706A

■ CCFFFF

■ CC5D56

■ CC4A42

■ CC372D

■ CC2419

■ CC1104

Harmonies

Analogous

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



CBBDC1



CCBDBC



CABEB8

Triad

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



CCBDBC



BAC3BA



BAC1CB

Complementary

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



CCBDBC



BCCBCC

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.



B5C2C9



CCBDBC



B5C3BF

Square

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



CCBDBC



C0C1B7



B4C3C4



C0BFCA

Rectangle

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



CCBDBC



C7BFB6



B4C3C4



B8C2CA

Sweetspot

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



CCBDBC



FFFAFA



CCBCCB



807D7D



000000



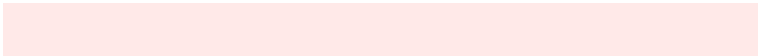
808080

Same Dimension

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



CCBDBC



FFE9E8



CCC5BC



665C5C



A60A00



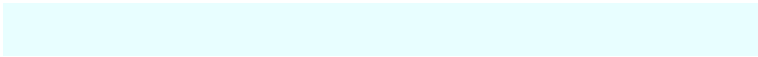
260200

Inverse Universe

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



BCCBCC



E8FEFF



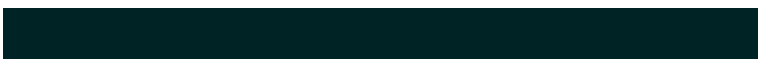
BCC3CC



5C6566



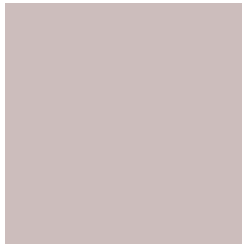
009BA6



002426

Previews

White Background



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

Color Contrast Check

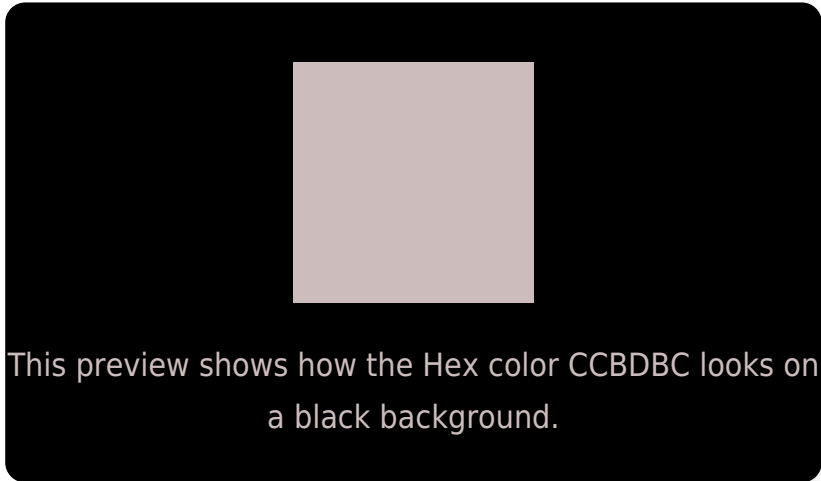
Large Text (above 18pt) WCAG AA × Fail

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

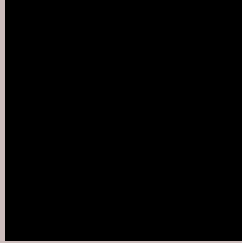
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

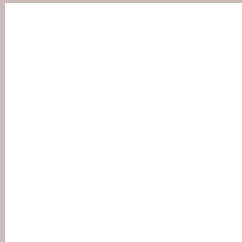
Any Text WCAG AAA ✓ Pass

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

Hex CCBDBC Background



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



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

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
CCBDBC

Protanopia
C4BFBD

Deuteranopia
D4BABD

Trichromacy



Original Color
CCBDBC

Protanomaly
C7BEED

Deuteranomaly
D1BBBD

Tritanomaly
CDBCC5

Monochromacy



Original Color
CCBDBC

Achromatopsia
C1C1C1

Achromatomaly
C5C0BF

CSS Examples

Text

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

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

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 #CCBDBC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor