

# Converting Colors

Hex(C7CDBD)

Have a look what the booklet for  
Hex(C7CDBD) contains.

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# **Color**

**Hex(C7CDBD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7CDBD
RGB	199, 205, 189
RGB Percent	78%, 80%, 74%
CMY	0.2196, 0.1961, 0.2588
CMYK	0.03, 0.00, 0.08, 0.20
HSL	83°, 14%, 77%
HSV	83°, 8%, 80%
XYZ	54.5698, 59.4789, 56.7485
YIQ	201.3820, 1.5600, -6.2480

# Conversions

## Conversions Part 2

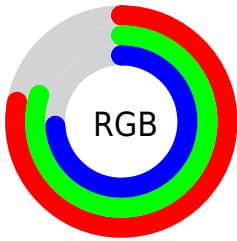
<b>Format</b>	<b>Color</b>
<b>RYB</b>	189, 205, 195
Decimal	13094333
CIELab	81.55, -4.92, 7.25
CIELCh	82, 8.760, 124.204
Yxy	59.4789, 0.3195, 0.3482
Android (android.graphics.Color)	4291284413 (0xFFC7CDBD)
YUV	201.3820, -6.1043, -2.0890
Hunter-Lab	77.1226, -8.6627, 10.3588

# Details

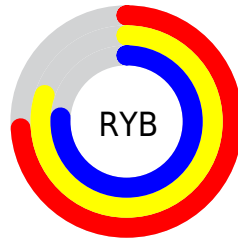
The Hex color **C7CDBD** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **C3BDCD**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFFFFF5**, and **919788** is the 20% darker color. If you saturate the color by 10%, you get **BFCDA9**, and if you desaturate by 10%, it is **CFCDD2**.

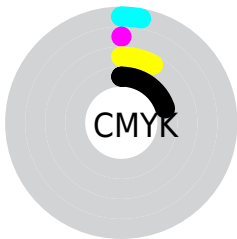
# Distribution



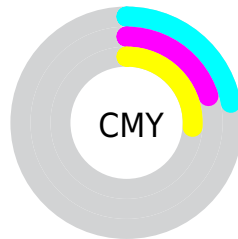
- Red (78%)
- Green (80%)
- Blue (74%)



- Red (74%)
- Yellow (80%)
- Blue (76%)



- Cyan (3%)
- Magenta (0%)
- Yellow (8%)
- Black (20%)



- Cyan (22%)
- Magenta (20%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7CDBD 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 C7CDBD by changing the saturation by 10% instead.



 C7CDBD

FFFFFFF

 FFFFF5

 C7CDBD


 ACB2A2

 919788

 777D6E

 5F6456

 474C3F

 313529

 1C2015

 000900

 000000

 C7CDBD

 C7CDBD

 BFCDA9

 CFCDD2

 B8CD94

 D6CDE6

 B0CD80

 DECDFB

 A8CD6B

 E6CDFF

 A1CD57

 EDCDFF

 99CD42

 F5CDFF

 91CD2D

 FDCDFF

 89CD19

 FFCDFF

 82CD04

# Harmonies

## Analogous

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



D0CABA



C7CDBD



BECFC3

# Triad

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



C7CDBD



BBCDD9



DCC5CA

# Complementary

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



C7CDBD



C3BDCD

# 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.



D7C6D2



C7CDBD



C4CBDB

# Square

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



C7CDBD



B7CFD4



CEC8D8



DCC6C2

# Rectangle

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



C7CDBD



BAD0C9



CEC8D8



DBC5CD



# Sweetspot

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



C7CDBD



FDFFFA



CDC3BD



7F807D



000000



808080



# Same Dimension

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



C7CDBD



F6FFE8



BFCDBD



62665C



68A600



182600



# Inverse Universe

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



C3BDCD



F1E8FF



CBBDCD



605C66



3E00A6

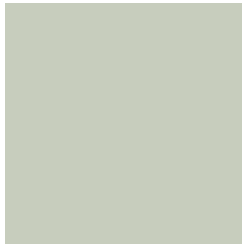


0E0026



# Previews

## White Background



This preview shows how the Hex color C7CDBD looks on a white background.

## Color Contrast Check

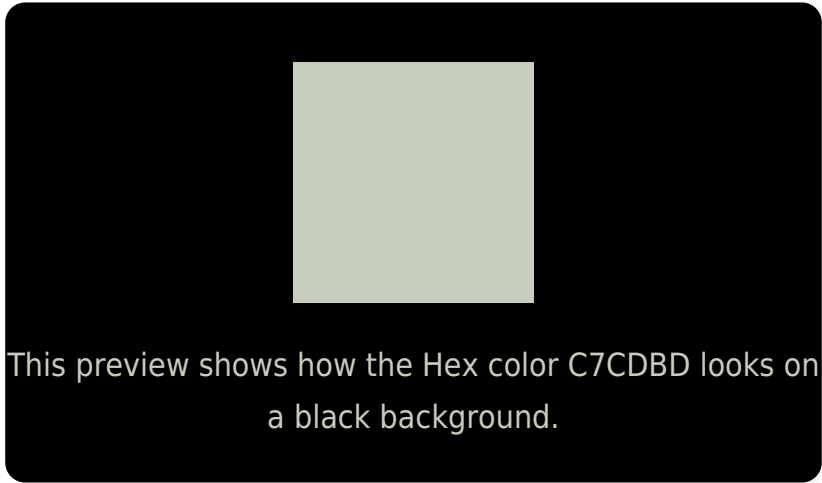
Large Text (above 18pt) WCAG AA × Fail

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

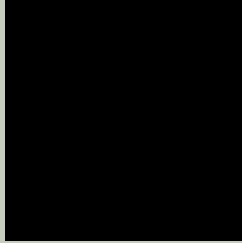
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

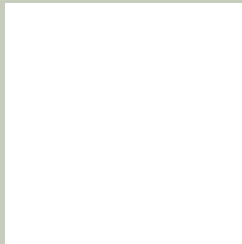
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C7CDBD Background



This preview shows how black text looks on a background with the Hex color C7CDBD.

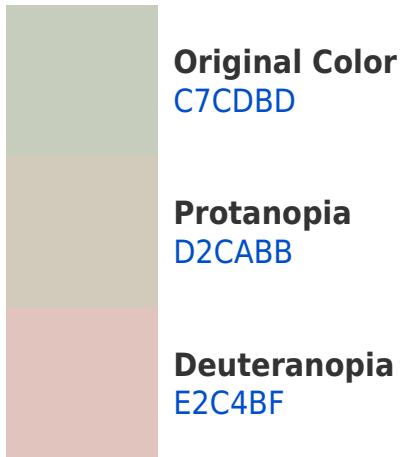


This preview shows how white text looks on a background with the Hex color C7CDBD.

# 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**  
CBC9D9

# Trichromacy



**Original Color**  
C7CDBD

**Protanomaly**  
CECBBC

**Deuteranomaly**  
D8C7BE

**Tritanomaly**  
CACACF

# Monochromacy



**Original Color**  
C7CDBD

**Achromatopsia**  
C9C9C9

**Achromatomaly**  
C8CAC5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7CDBD 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 #C7CDBD looks like.

```
.text, #text, p{  
    color:#C7CDBD  
}
```

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 #C7CDBD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7CDBD
}
```

## Border

The CSS property to change the border of an element to Hex C7CDBD 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
#C7CDBD }
```

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

```
.border{ border-color:#C7CDBD }
```

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

Here you see how a box with a 4 pixel #C7CDBD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7CDBD; -webkit-box-shadow:4px 4px  
4px 4px #C7CDBD; box-shadow:4px 4px 4px  
4px #C7CDBD }
```

# Background

The CSS property to change the background color of an element to Hex C7CDBD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7CDBD }
```

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

```
.background{ background-color:#C7CDBD }
```

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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