

# Converting Colors

Hex(CBD7D6)

Have a look what the booklet for  
Hex(CBD7D6) contains.

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# **Color**

**Hex(CBD7D6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CBD7D6
RGB	203, 215, 214
RGB Percent	80%, 84%, 84%
CMY	0.2039, 0.1569, 0.1608
CMYK	0.06, 0.00, 0.00, 0.16
HSL	175°, 13%, 82%
HSV	175°, 6%, 84%
XYZ	61.0666, 66.1524, 73.1685
YIQ	211.2980, -6.8310, -2.8550

# Conversions

## Conversions Part 2

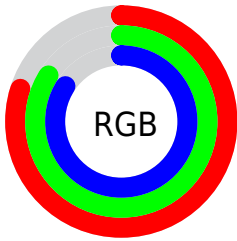
Format	Color
R <sub>Y</sub> B	203, 209, 215
Decimal	13359062
CIE Lab	85.07, -4.22, -0.91
CIE LCh	85, 4.317, 192.227
Yxy	66.1524, 0.3047, 0.3301
Android (android.graphics.Color)	4291549142 (0xFFCBD7D6)
YUV	211.2980, 1.3321, -7.2773
Hunter-Lab	81.3341, -8.3148, 3.5964

# Details

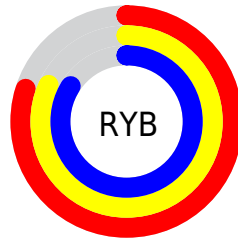
The Hex color **CBD7D6** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D7CBCC**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFFFF**, and **95A09F** is the 20% darker color. If you saturate the color by 10%, you get **B6D7D4**, and if you desaturate by 10%, it is **E1D7D8**.

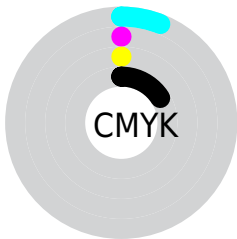
# Distribution



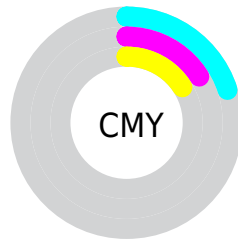
- Red (80%)
- Green (84%)
- Blue (84%)



- Red (80%)
- Yellow (82%)
- Blue (84%)



- Cyan (6%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



- Cyan (20%)
- Magenta (16%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBD7D6 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 CBD7D6 by changing the saturation by 10% instead.



■ CBD7D6

FFFFFF

■ CBD7D6

■ B0BBBA

■ 95A09F

■ 7B8685

■ 626D6C

■ 4A5554

■ 343D3D

■ 1E2827

■ 061312

■ 000000

 CBD7D6

 CBD7D6

 B6D7D4

 E1D7D8

 A0D7D2

 F6D7DA

 8BD7D1

 FFD7DB

 75D7CF

 FFD7DD

 5FD7CD

 FFD7DF

 4AD7CB

 FFD7E1

 34D7C9

 FFD7E3

 1FD7C8

 FFD7E4

 09D7C6

 FFD7E6

# Harmonies

## Analogous

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



CDD7D2



CBD7D6



CBD7DA

# Triad

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



CBD7D6



D7D3DB



DBD3CD

# Complementary

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



CBD7D6



D7CBCC

# 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.



DDD2CF



CBD7D6



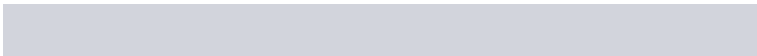
DBD2D7

# Square

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



CBD7D6



D2D4DC



DED2D3



D6D5CD

# Rectangle

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



CBD7D6



CDD6DC



DED2D3



DCD3CD



# Sweetspot

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



CBD7D6



FAFFFF



CCD7CB



7D807F



000000



808080



# Same Dimension

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



CBD7D6



EDFFFE



CBD2D7



636B6A



00AB9D



002B28



# Inverse Universe

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



D7CBCC



FFEDEF



D7D0CB



6B6363



AB000E

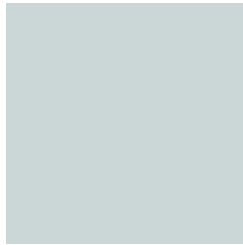


2B0004



# Previews

## White Background



This preview shows how the Hex color CBD7D6 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

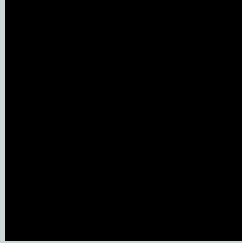
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

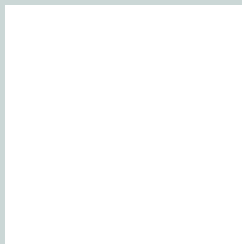
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CBD7D6 Background



This preview shows how black text looks on a background with the Hex color CBD7D6.

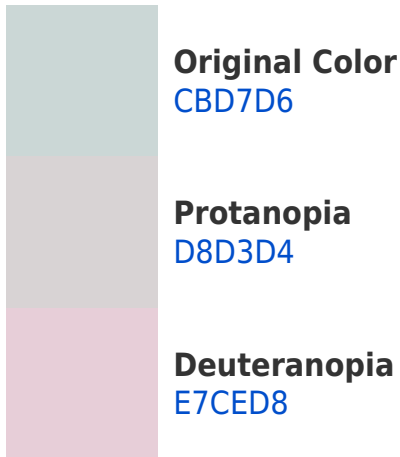


This preview shows how white text looks on a background with the Hex color CBD7D6.

# 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



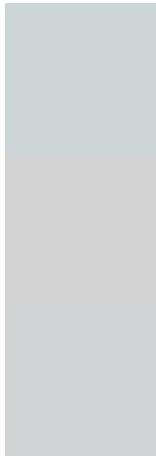
**Original Color**  
CBD7D6

**Protanomaly**  
D3D4D5

**Deuteranomaly**  
DDD1D7

**Tritanomaly**  
CDD6E0

# Monochromacy



**Original Color**  
CBD7D6

**Achromatopsia**  
D3D3D3

**Achromatomaly**  
D0D4D4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBD7D6 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 #CBD7D6 looks like.

```
.text, #text, p{  
    color:#CBD7D6  
}
```

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 #CBD7D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBD7D6  
}
```

## Border

The CSS property to change the border of an element to Hex CBD7D6 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  
#CBD7D6 }
```

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

```
.border{ border-color:#CBD7D6 }
```

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

Here you see how a box with a 4 pixel #CBD7D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBD7D6; -webkit-box-shadow:4px 4px  
4px 4px #CBD7D6; box-shadow:4px 4px 4px  
4px #CBD7D6 }
```

# Background

The CSS property to change the background color of an element to Hex CBD7D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBD7D6 }
```

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

```
.background{ background-color:#CBD7D6 }
```

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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