

# Converting Colors

Hex(CBD8D9)

Have a look what the booklet for  
Hex(CBD8D9) contains.

<b>Hex(CBD8D9)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(CBD8D9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBD8D9
RGB	203, 216, 217
RGB Percent	80%, 85%, 85%
CMY	0.2039, 0.1529, 0.1490
CMYK	0.06, 0.00, 0.00, 0.15
HSL	184°, 16%, 82%
HSV	184°, 6%, 85%
XYZ	61.7089, 66.8180, 75.2904
YIQ	212.2270, -8.0690, -2.4450

# Conversions

## Conversions Part 2

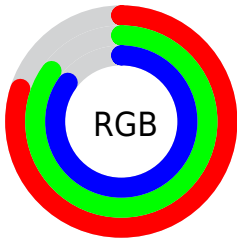
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 210, 217
Decimal	13359321
CIE Lab	85.41, -4.17, -2.01
CIE LCh	85, 4.627, 205.733
Yxy	66.8180, 0.3028, 0.3278
Android (android.graphics.Color)	4291549401 (0xFFC8D8D9)
YUV	212.2270, 2.3531, -8.0921
Hunter-Lab	81.7423, -8.2958, 2.6093

# Details

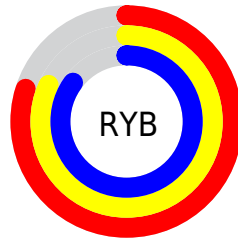
The Hex color **CBD8D9** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D9CCCB**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **FFFFFF**, and **95A1A2** is the 20% darker color. If you saturate the color by 10%, you get **B5D6D9**, and if you desaturate by 10%, it is **E1DAD9**.

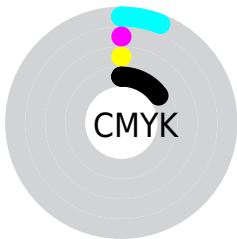
# Distribution



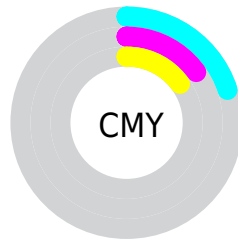
- Red (80%)
- Green (85%)
- Blue (85%)



- Red (80%)
- Yellow (82%)
- Blue (85%)



- Cyan (6%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



- Cyan (20%)
- Magenta (15%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBD8D9 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 CBD8D9 by changing the saturation by 10% instead.



■ CBD8D9

FFFFFF

■ CBD8D9

■ B0BCBD

■ 95A1A2

■ 7B8788

■ 626E6F

■ 4A5556

■ 343E3F

■ 1E2829

■ 071415

■ 000000

 CBD8D9

 CBD8D9

 B5D6D9

 E1DAD9

 A0D5D9

 F6DBD9

 8AD3D9

 FFDDD9

 74D2D9

 FFDED9

 5ED0D9

 FFE0D9

 49CFD9

 FFE1D9

 33CDD9

 FFE3D9

 1DCCD9

 FFE4D9

 08CAD9

 FFE6D9

# Harmonies

## Analogous

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



CCD8D5



CBD8D9



CDD7DC

# Triad

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



CBD8D9



DBD3DA



DAD5CD

# Complementary

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



CBD8D9



D9CCCB

# 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.



DED4CE



CBD8D9



DED3D6

# Square

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



CBD8D9



D6D5DD



DFD3D2



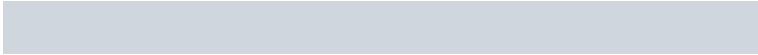
D5D6CE

# Rectangle

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



CBD8D9



CFD6DE



DFD3D2



DBD4CD



# Sweetspot

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



CBD8D9



FAFFFF



CBD9CC



7D7F80



000000



808080

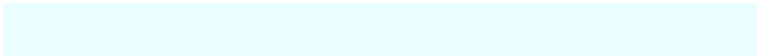


# Same Dimension

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



CBD8D9



EBFEFF



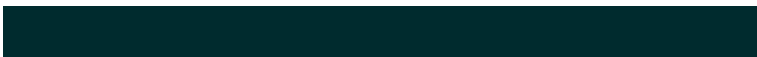
CBD1D9



636D6E



00A1AD



002B2E



# Inverse Universe

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



D9CBD8



FFEBFE



D9D3CB



6E636D



AD00A1

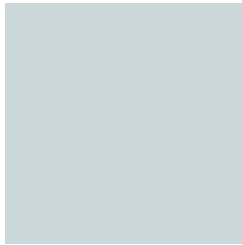


2E002B



# Previews

## White Background



This preview shows how the Hex color CBD8D9 looks on a white background.

## Color Contrast Check

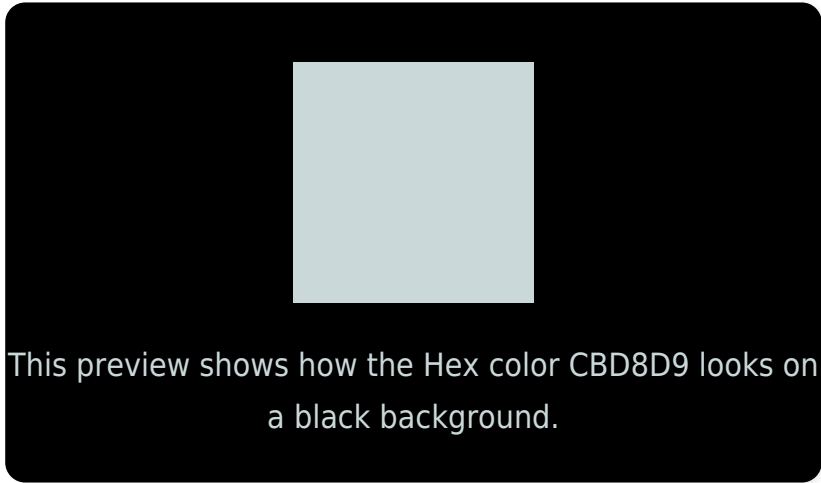
Large Text (above 18pt) WCAG AA × Fail

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

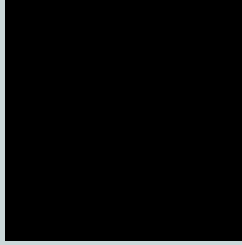
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

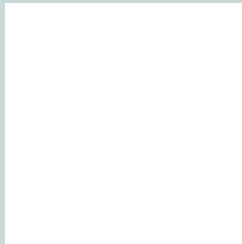
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CBD8D9 Background



This preview shows how black text looks on a background with the Hex color CBD8D9.

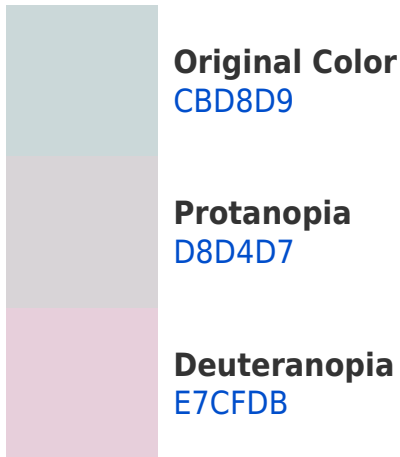


This preview shows how white text looks on a background with the Hex color CBD8D9.

# 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](#).

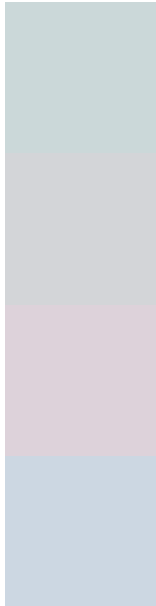
## Dichromacy





**Tritanopia**  
CDD6E7

# Trichromacy



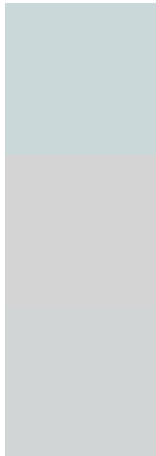
**Original Color**  
CBD8D9

**Protanomaly**  
D3D5D8

**Deuteranomaly**  
DDD2DA

**Tritanomaly**  
CCD7E2

# Monochromacy



**Original Color**  
CBD8D9

**Achromatopsia**  
D4D4D4

**Achromatomaly**  
D1D5D6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBD8D9 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 #CBD8D9 looks like.

```
.text, #text, p{  
    color:#CBD8D9  
}
```

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 #CBD8D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBD8D9
}
```

## Border

The CSS property to change the border of an element to Hex CBD8D9 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
#CBD8D9 }
```

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

```
.border{ border-color:#CBD8D9 }
```

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

Here you see how a box with a 4 pixel #CBD8D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBD8D9; -webkit-box-shadow:4px 4px  
4px 4px #CBD8D9; box-shadow:4px 4px 4px  
4px #CBD8D9 }
```

# Background

The CSS property to change the background color of an element to Hex CBD8D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBD8D9 }
```

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

```
.background{ background-color:#CBD8D9 }
```

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