

# Converting Colors

Hex(CBD5D3)

Have a look what the booklet for  
Hex(CBD5D3) contains.

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# **Color**

**Hex(CBD5D3)**

# Conversions

## Conversions Part 1

| Format      | Color                                      |
|-------------|--|
| Hex         | <a href="#">CBD5D3</a>                     |
| RGB         | <a href="#">203, 213, 211</a>              |
| RGB Percent | <a href="#">80%, 84%, 83%</a>              |
| CMY         | <a href="#">0.2039, 0.1647, 0.1725</a>     |
| CMYK        | <a href="#">0.05, 0.00, 0.01, 0.16</a>     |
| HSL         | <a href="#">168°, 11%, 82%</a>             |
| HSV         | <a href="#">168°, 5%, 84%</a>              |
| XYZ         | <a href="#">60.1807, 64.9882, 71.0001</a>  |
| YIQ         | <a href="#">209.7820, -5.3180, -2.7420</a> |

# Conversions

## Conversions Part 2

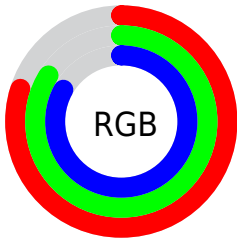
| Format                              | Color   |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">203, 209, 213</a>                 |
| Decimal                             | <a href="#">13358547</a>                      |
| CIELab                              | <a href="#">84.48, -3.75, -0.19</a>           |
| CIElCh                              | <a href="#">84, 3.750, 182.979</a>            |
| Yxy                                 | <a href="#">64.9882, 0.3068,<br/>0.3313</a>   |
| Android<br>(android.graphics.Color) | <a href="#">4291548627<br/>(0xFFCBD5D3)</a>   |
| YUV                                 | <a href="#">209.7820, 0.6005,<br/>-5.9478</a> |
| Hunter-Lab                          | <a href="#">80.6152, -7.8232,<br/>4.2123</a>  |

# Details

The Hex color **CBD5D3** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D5CBCD**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFFFFF**, and **959E9D** is the 20% darker color. If you saturate the color by 10%, you get **B6D5CF**, and if you desaturate by 10%, it is **E0D5D7**.

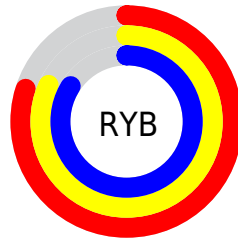
# Distribution



Red (80%)

Green (84%)

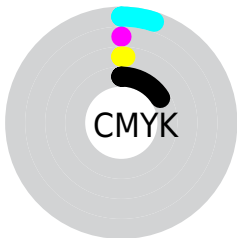
Blue (83%)



Red (80%)

Yellow (82%)

Blue (84%)

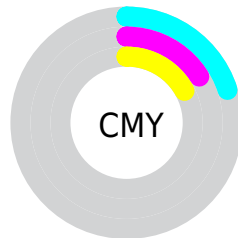


Cyan (5%)

Magenta (0%)

Yellow (1%)

Black (16%)



Cyan (20%)

Magenta (16%)

Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBD5D3 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 CBD5D3 by changing the saturation by 10% instead.



■ CBD5D3

FFFFFF

■ CBD5D3

■ B0B9B7

■ 959E9D

■ 7B8482

■ 626B69

■ 4A5351

■ 343C3A

■ 1F2625

■ 061210

■ 000000

 CBD5D3

 CBD5D3

 B6D5CF

 E0D5D7

 A0D5CA

 F6D5DC

 8BD5C6

 FFD5E0

 76D5C2

 FFD5E4

 60D5BE

 FFD5E8

 4BD5B9

 FFD5ED

 36D5B5

 FFD5F1

 21D5B1

 FFD5F5

 0BD5AD

 FFD5F9

# Harmonies

## Analogous

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



CED5CF



CBD5D3



CBD5D6

# Triad

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



CBD5D3



D4D2D9



D9D2CD

# Complementary

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



CBD5D3



D5CBCD

# 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.



DBD1CF



CBD5D3



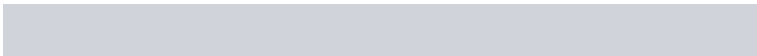
D8D1D6

# Square

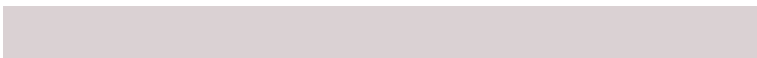
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CBD5D3



D0D3DA



DAD1D3



D6D3CC

# Rectangle

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



CBD5D3



CBD4D8



DAD1D3



DAD1CD



# Sweetspot

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



CBD5D3



FCFFFE



CDD5CB



7E807F



000000



808080



# Same Dimension

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



CBD5D3



F0FFFC



CBD2D5



646B6A



00AB89



002B23

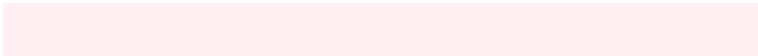


# Inverse Universe

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



D5CBCD



FFF0F3



D5CECB



6B6465



AB0022

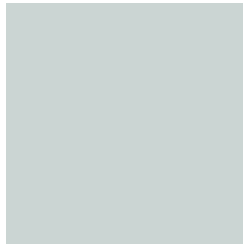


2B0009



# Previews

## White Background



This preview shows how the Hex color CBD5D3 looks on a white background.

## Color Contrast Check

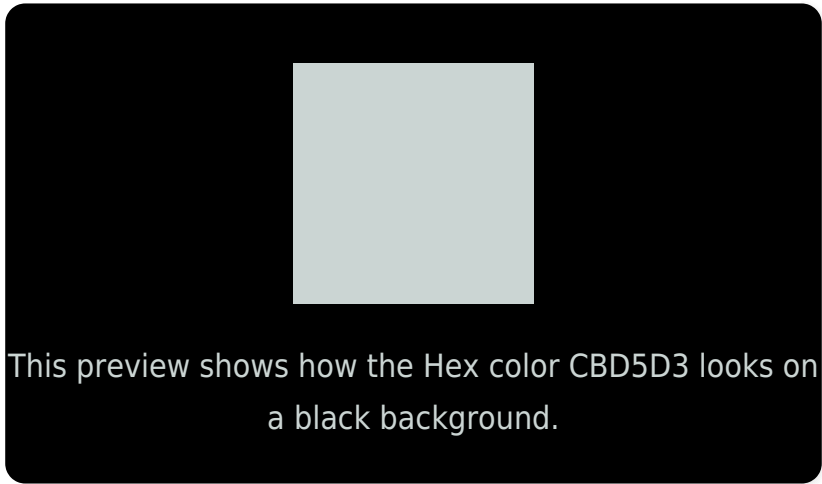
Large Text (above 18pt) WCAG AA × Fail

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

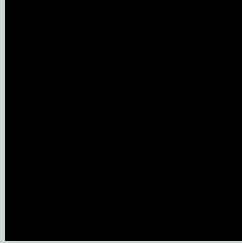
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

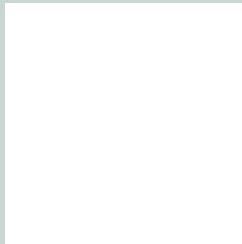
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CBD5D3 Background



This preview shows how black text looks on a background with the Hex color CBD5D3.

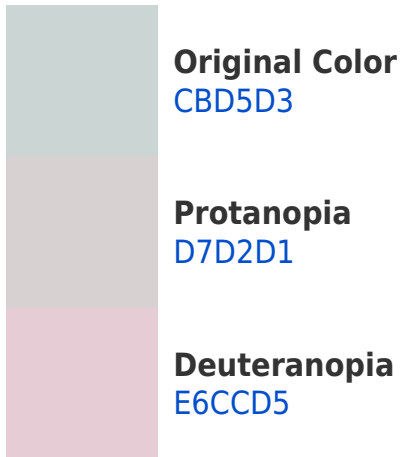


This preview shows how white text looks on a background with the Hex color CBD5D3.

# 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



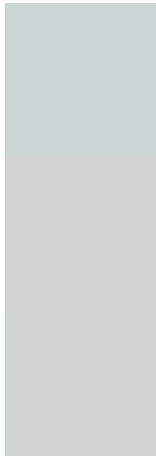
**Original Color**  
CBD5D3

**Protanomaly**  
D3D3D2

**Deuteranomaly**  
DCCFD4

**Tritanomaly**  
CDD4DD

# Monochromacy



**Original Color**  
CBD5D3

**Achromatopsia**  
D2D2D2

**Achromatomaly**  
CFD3D2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBD5D3 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 #CBD5D3 looks like.

```
.text, #text, p{  
    color:#CBD5D3  
}
```

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 #CBD5D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBD5D3
}
```

## Border

The CSS property to change the border of an element to Hex CBD5D3 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
#CBD5D3 }
```

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

```
.border{ border-color:#CBD5D3 }
```

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

Here you see how a box with a 4 pixel #CBD5D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBD5D3; -webkit-box-shadow:4px 4px  
4px 4px #CBD5D3; box-shadow:4px 4px 4px  
4px #CBD5D3 }
```

# Background

The CSS property to change the background color of an element to Hex CBD5D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBD5D3 }
```

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

```
.background{ background-color:#CBD5D3 }
```

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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