

# Converting Colors

Hex(CBD2D5)

Have a look what the booklet for  
Hex(CBD2D5) contains.

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# **Color**

**Hex(CBD2D5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBD2D5
RGB	203, 210, 213
RGB Percent	80%, 82%, 84%
CMY	0.2039, 0.1765, 0.1647
CMYK	0.05, 0.01, 0.00, 0.16
HSL	198°, 11%, 82%
HSV	198°, 5%, 84%
XYZ	59.6854, 63.5938, 72.0799
YIQ	208.2490, -5.1350, -0.5510

# Conversions

## Conversions Part 2

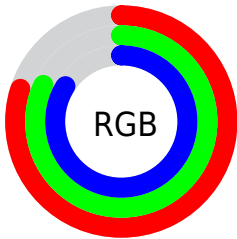
Format	Color
<a href="#">RYB</a>	<a href="#">203, 207, 213</a>
Decimal	<a href="#">13357781</a>
CIELab	<a href="#">83.75, -1.81, -2.32</a>
CIELCh	<a href="#">84, 2.938, 232.068</a>
Yxy	<a href="#">63.5938, 0.3055, 0.3255</a>
Android (android.graphics.Color)	<a href="#">4291547861 (0xFFCBD2D5)</a>
YUV	<a href="#">208.2490, 2.3422, -4.6034</a>
Hunter-Lab	<a href="#">79.7457, -5.9572, 2.2315</a>

# Details

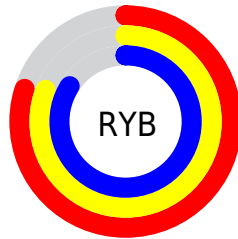
The Hex color **CBD2D5** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D5CECB**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **FFFFFF**, and **959C9E** is the 20% darker color. If you saturate the color by 10%, you get **B6CCD5**, and if you desaturate by 10%, it is **E0D8D5**.

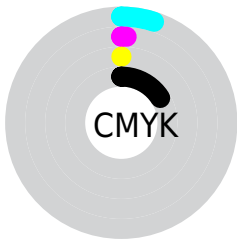
# Distribution



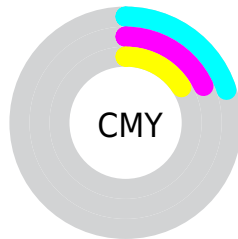
- Red (80%)
- Green (82%)
- Blue (84%)



- Red (80%)
- Yellow (81%)
- Blue (84%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (16%)



- Cyan (20%)
- Magenta (18%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBD2D5 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 CBD2D5 by changing the saturation by 10% instead.



■ CBD2D5

FFFFFF

■ CBD2D5

■ B0B6B9

■ 959C9E

■ 7B8284

■ 62686B

■ 4A5053

■ 34393C

■ 1F2426

■ 060F12

■ 000000

 CBD2D5

 CBD2D5

 B6CCD5

 E0D8D5

 A0C5D5

 F6DFD5

 8BBFD5

 FFE5D5

 76B8D5

 FFECD5

 60B2D5

 FFF2D5

 4BACD5

 FFF8D5

 36A5D5

 FFFF5D5

 219FD5

 0B98D5

# Harmonies

## Analogous

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



CAD2D3



CBD2D5



CDD1D6

# Triad

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



CBD2D5



D6CFD2



D1D1CC

# Complementary

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



CBD2D5



D5CECB

# 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.



D4D0CB



CBD2D5



D7CFCF

# Square

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



CBD2D5



D4D0D4



D6D0CC



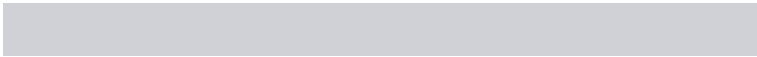
CED2CD

# Rectangle

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



CBD2D5



CFD1D6



D6D0CC



D2D1CB



# Sweetspot

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



CBD2D5



FCFEFF



CBD5CE



7E7F80



000000



808080

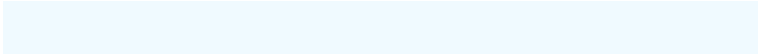


# Same Dimension

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



CBD2D5



F0FAFF



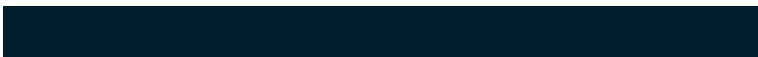
CBCDD5



64696B



0078AB



001E2B



# Inverse Universe

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



D5CBD2



FFF0FA



D5D3CB



6B6469



AB0078

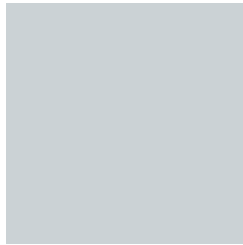


2B001E



# Previews

## White Background



This preview shows how the Hex color CBD2D5 looks on a white background.

## Color Contrast Check

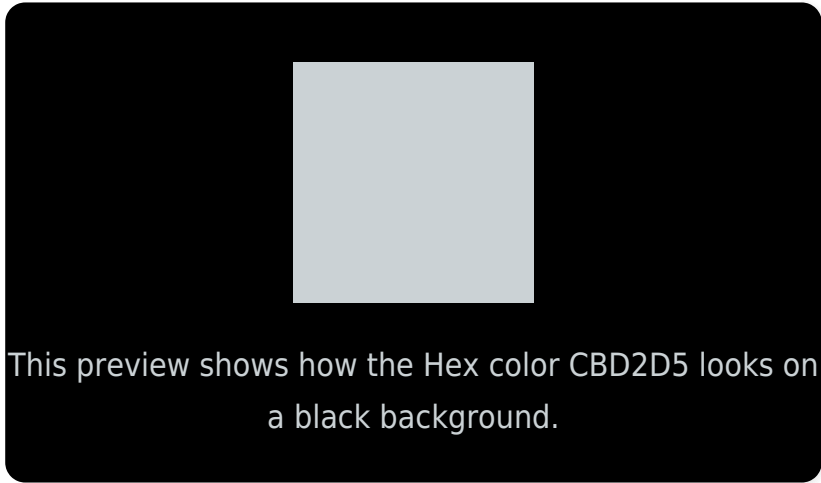
Large Text (above 18pt) WCAG AA × Fail

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

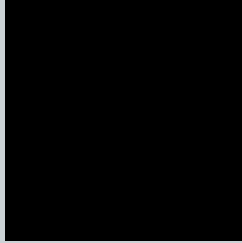
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

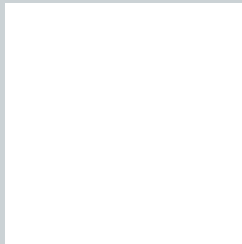
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CBD2D5 Background



This preview shows how black text looks on a background with the Hex color CBD2D5.

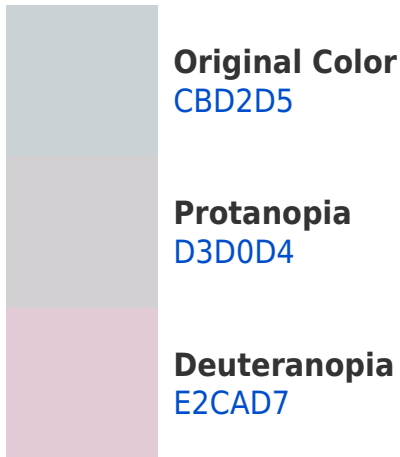


This preview shows how white text looks on a background with the Hex color CBD2D5.

# 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**  
CDD0E1

# Trichromacy



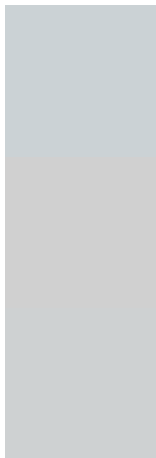
**Original Color**  
CBD2D5

**Protanomaly**  
D0D1D4

**Deuteranomaly**  
DACDD6

**Tritanomaly**  
CCD1DD

# Monochromacy



**Original Color**  
CBD2D5

**Achromatopsia**  
D0D0D0

**Achromatomaly**  
CED1D2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBD2D5 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 #CBD2D5 looks like.

```
.text, #text, p{  
    color:#CBD2D5  
}
```

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 #CBD2D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBD2D5
}
```

## Border

The CSS property to change the border of an element to Hex CBD2D5 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
#CBD2D5 }
```

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

```
.border{ border-color:#CBD2D5 }
```

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

Here you see how a box with a 4 pixel #CBD2D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBD2D5; -webkit-box-shadow:4px 4px  
4px 4px #CBD2D5; box-shadow:4px 4px 4px  
4px #CBD2D5 }
```

# Background

The CSS property to change the background color of an element to Hex CBD2D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBD2D5 }
```

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

```
.background{ background-color:#CBD2D5 }
```

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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