

# Converting Colors

Hex(CBD2E2)

Have a look what the booklet for  
Hex(CBD2E2) contains.

<b>Hex(CBD2E2)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(CBD2E2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">CBD2E2</a>
RGB	<a href="#">203, 210, 226</a>
RGB Percent	<a href="#">80%, 82%, 89%</a>
CMY	<a href="#">0.2039, 0.1765, 0.1137</a>
<a href="#">CMYK</a>	<a href="#">0.10, 0.07, 0.00, 0.11</a>
HSL	<a href="#">222°, 28%, 84%</a>
HSV	<a href="#">222°, 10%, 89%</a>
XYZ	<a href="#">61.4027, 64.2807, 81.1227</a>
YIQ	<a href="#">209.7310, -9.3080, 3.4920</a>

# Conversions

## Conversions Part 2

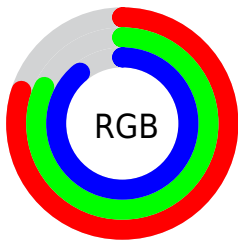
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	203, 208, 226
Decimal	13357794
CIE Lab	84.11, 0.72, -8.70
CIE LCh	84, 8.734, 274.720
Yxy	64.2807, 0.2969, 0.3108
Android (android.graphics.Color)	4291547874 (0xFFCBD2E2)
YUV	209.7310, 8.0206, -5.9031
Hunter-Lab	80.1752, -3.6014, -3.8680

# Details

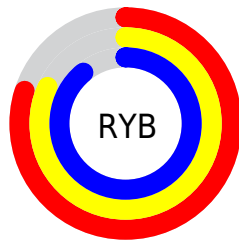
The Hex color **CBD2E2** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E2DBC B**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFFFFF**, and **959CAB** is the 20% darker color. If you saturate the color by 10%, you get **B4C2E2**, and if you desaturate by 10%, it is **E2E2E2**.

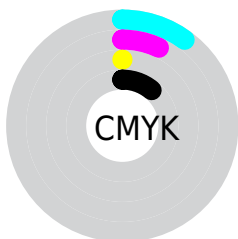
# Distribution



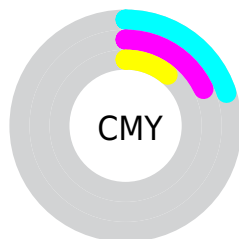
- Red (80%)
- Green (82%)
- Blue (89%)



- Red (80%)
- Yellow (82%)
- Blue (89%)



- Cyan (10%)
- Magenta (7%)
- Yellow (0%)
- Black (11%)



- Cyan (20%)
- Magenta (18%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBD2E2 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 CBD2E2 by changing the saturation by 10% instead.



■ CBD2E2

FFFFFF

■ CBD2E2

■ B0B6C6

■ 959CAB

■ 7B8290

■ 626877

■ 4A505E

■ 333A46

■ 1E2430

■ 070F1B

■ 000000

 CBD2E2

 CBD2E2

 B4C2E2

 E2E2E2

 9EB3E2

 F8F1E2

 87A3E2

 FFFFE2

 7193E2

 5A83E2

 4374E2

 2D64E2

 1654E2

 0045E2

# Harmonies

## Analogous

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



C2D5E0



CBD2E2



D5CFDF

# Triad

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



CBD2E2



E4CDC9



C5D6CB

# Complementary

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



CBD2E2



E2DBC8

# 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.



CED4C4



CBD2E2



DFCFC3

# Square

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



CBD2E2



E3CCD1



D8D2C1



BFD7D3

# Rectangle

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



CBD2E2



DBCEDB



D8D2C1



C8D6C8

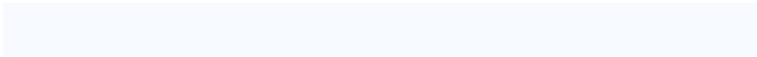


# Sweetspot

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



CBD2E2



F7FAFF



CBE2DB



7A7C80



000000



808080



# Same Dimension

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



CBD2E2



E0EAFB



CFCBE2



656870



0036B0



000F30



# Inverse Universe

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



E2CBD2



FFE0EA



DEE2CB



706568



B00036

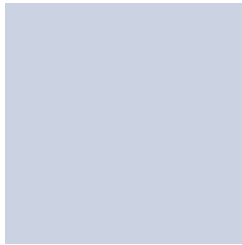


30000F



# Previews

## White Background



This preview shows how the Hex color CBD2E2 looks on a white background.

## Color Contrast Check

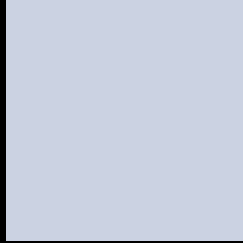
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color CBD2E2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

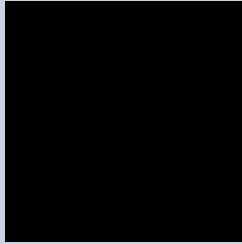
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

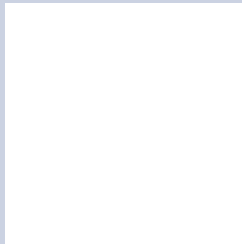
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CBD2E2 Background



This preview shows how black text looks on a background with the Hex color CBD2E2.

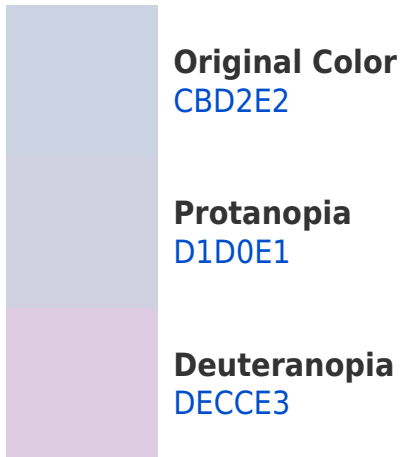


This preview shows how white text looks on a background with the Hex color CBD2E2.

# 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**  
CBD2E2

**Protanomaly**  
CFD1E1

**Deuteranomaly**  
D7CEE3

**Tritanomaly**  
CBD2E3

# Monochromacy



**Original Color**  
CBD2E2

**Achromatopsia**  
D2D2D2

**Achromatomaly**  
CFD2D8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBD2E2 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 #CBD2E2 looks like.

```
.text, #text, p{  
    color:#CBD2E2  
}
```

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 #CBD2E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBD2E2
}
```

## Border

The CSS property to change the border of an element to Hex CBD2E2 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
#CBD2E2 }
```

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

```
.border{ border-color:#CBD2E2 }
```

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

Here you see how a box with a 4 pixel #CBD2E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBD2E2; -webkit-box-shadow:4px 4px  
4px 4px #CBD2E2; box-shadow:4px 4px 4px  
4px #CBD2E2 }
```

# Background

The CSS property to change the background color of an element to Hex CBD2E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBD2E2 }
```

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

```
.background{ background-color:#CBD2E2 }
```

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