

Converting Colors

Hex(CBD3E3)

Have a look what the booklet for
Hex(CBD3E3) contains.

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Color

Hex(CBD3E3)

Conversions

Conversions Part 1

Format	Color
Hex	CBD3E3
RGB	203, 211, 227
RGB Percent	80%, 83%, 89%
CMY	0.2039, 0.1725, 0.1098
CMYK	0.11, 0.07, 0.00, 0.11
HSL	220°, 30%, 84%
HSV	220°, 11%, 89%
XYZ	61.7880, 64.8311, 81.9301
YIQ	210.4320, -9.9040, 3.2800

Conversions

Conversions Part 2

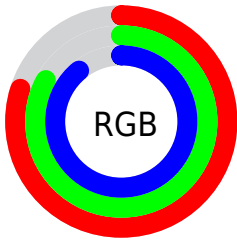
Format	Color
R _Y B	203, 209, 227
Decimal	13358051
CIE Lab	84.40, 0.39, -8.81
CIE LCh	84, 8.822, 272.553
Yxy	64.8311, 0.2963, 0.3109
Android (android.graphics.Color)	4291548131 (0xFFCBD3E3)
YUV	210.4320, 8.1680, -6.5179
Hunter-Lab	80.5178, -3.9281, -3.9676

Details

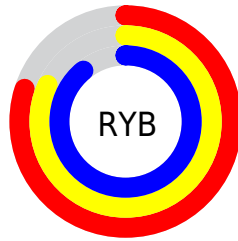
The Hex color **CBD3E3** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E3DBC3**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFFFFF**, and **959DAC** is the 20% darker color. If you saturate the color by 10%, you get **B4C4E3**, and if you desaturate by 10%, it is **E2E2E3**.

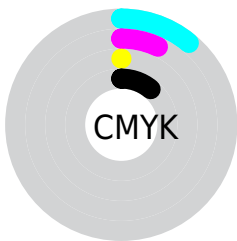
Distribution



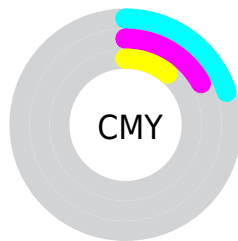
- Red (80%)
- Green (83%)
- Blue (89%)



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



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



- Cyan (20%)
- Magenta (17%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color CBD3E3 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 CBD3E3 by changing the saturation by 10% instead.

■ CBD3E3

FFFFFF

■ CBD3E3

■ B0B7C7

■ 959DAC

■ 7B8291

■ 626977

■ 4A515F

■ 333A47

■ 1E2531

■ 07101C

■ 000000

 CBD3E3

 CBD3E3

 B4C4E3


 E2E2E3

 9EB5E3

 F8F1E3

 87A6E3

 FFFFE3

 7096E3

 5987E3

 4378E3

 2C69E3

 155AE3

 004CE3

Harmonies

Analogous

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



C3D6E1



CBD3E3



D5D0E1

Triad

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



CBD3E3



E5CECA



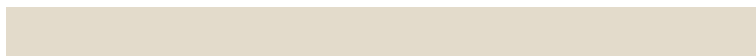
C6D7CB

Complementary

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



CBD3E3



E3DBC3

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.



CFD5C4



CBD3E3



E1D0C4

Square

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



CBD3E3



E4CDD2



D9D2C2



C0D8D3

Rectangle

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



CBD3E3



DCCFDD



D9D2C2



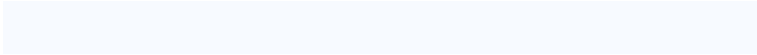
C9D6C8

Sweetspot

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



CBD3E3



F7FAFF



CBE3DB



7A7C80



000000



808080

Same Dimension

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



CBD3E3



DEE9FF



CFCBE3



676B73



003BB3



001133

Inverse Universe

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



E3CBD3



FFDEE9



DFE3CB



73676B



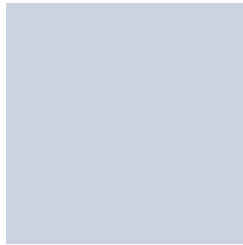
B3003B



330011

Previews

White Background



This preview shows how the Hex color CBD3E3 looks on a white background.

Color Contrast Check

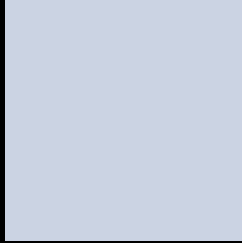
Large Text (above 18pt) WCAG AA × Fail

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 CBD3E3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

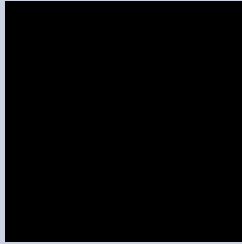
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

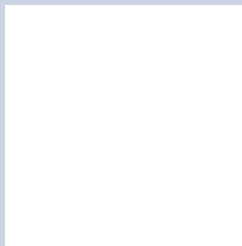
Any Text WCAG AAA ✓ Pass

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

Hex CBD3E3 Background



This preview shows how black text looks on a background with the Hex color CBD3E3.

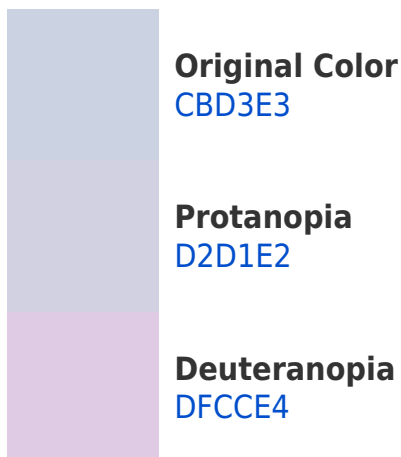


This preview shows how white text looks on a background with the Hex color CBD3E3.

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](#).

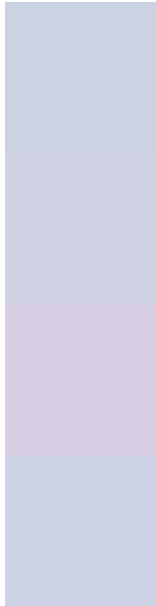
Dichromacy





Tritanopia
CBD3E4

Trichromacy



Original Color
CBD3E3

Protanomaly
CFD2E2

Deuteranomaly
D8CFE4

Tritanomaly
CBD3E4

Monochromacy



Original Color
CBD3E3

Achromatopsia
D2D2D2

Achromatomaly
CFD2D8

CSS Examples

Text

The CSS property to change the color of the text to Hex CBD3E3 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 #CBD3E3 looks like.

```
.text, #text, p{  
    color:#CBD3E3  
}
```

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 #CBD3E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBD3E3
}
```

Border

The CSS property to change the border of an element to Hex CBD3E3 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
#CBD3E3 }
```

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

```
.border{ border-color:#CBD3E3 }
```

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

Here you see how a box with a 4 pixel #CBD3E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBD3E3; -webkit-box-shadow:4px 4px  
4px 4px #CBD3E3; box-shadow:4px 4px 4px  
4px #CBD3E3 }
```

Background

The CSS property to change the background color of an element to Hex CBD3E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBD3E3 }
```

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

```
.background{ background-color:#CBD3E3 }
```

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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