

# Converting Colors

Hex(CBD3E9)

Have a look what the booklet for  
Hex(CBD3E9) contains.

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# **Color**

**Hex(CBD3E9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBD3E9
RGB	203, 211, 233
RGB Percent	80%, 83%, 91%
CMY	0.2039, 0.1725, 0.0863
CMYK	0.13, 0.09, 0.00, 0.09
HSL	224°, 41%, 85%
HSV	224°, 13%, 91%
XYZ	62.6308, 65.1682, 86.3685
YIQ	211.1160, -11.8300, 5.1460

# Conversions

## Conversions Part 2

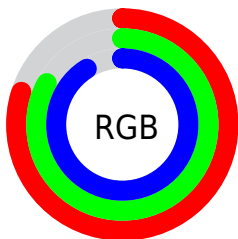
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	203, 209, 233
Decimal	13358057
CIE Lab	84.57, 1.60, -11.74
CIE LCh	85, 11.850, 277.783
Yxy	65.1682, 0.2924, 0.3043
Android (android.graphics.Color)	4291548137 (0xFFCBD3E9)
YUV	211.1160, 10.7888, -7.1177
Hunter-Lab	80.7268, -2.7851, -6.9248

# Details

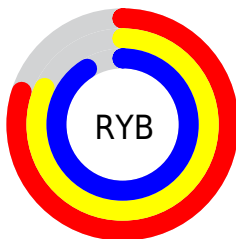
The Hex color **CBD3E9** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E9E1CB**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFFFF**, and **959DB1** is the 20% darker color. If you saturate the color by 10%, you get **B4C2E9**, and if you desaturate by 10%, it is **E2E4E9**.

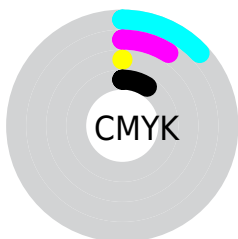
# Distribution



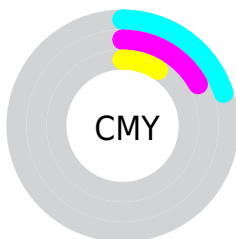
- Red (80%)
- Green (83%)
- Blue (91%)



- Red (80%)
- Yellow (82%)
- Blue (91%)



- Cyan (13%)
- Magenta (9%)
- Yellow (0%)
- Black (9%)



- Cyan (20%)
- Magenta (17%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBD3E9 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 CBD3E9 by changing the saturation by 10% instead.



■ CBD3E9

FFFFFF

■ CBD3E9

■ AFB7CD

■ 959DB1

■ 7B8397

■ 62697D

■ 4A5164

■ 333A4C

■ 1D2535

■ 061020

■ 000006

 CBD3E9

 CBD3E9

 B4C2E9

 E2E4E9

 9CB1E9

 FAF5E9

 85A0E9


 FFFFE9

 6E8FE9

 567EE9

 3F6CE9

 285BE9

 114AE9

 003EE9

# Harmonies

## Analogous

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



BFD7E7



CBD3E9



D9CFE5

# Triad

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



CBD3E9



EBCDC6



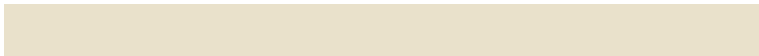
C0D9CA

# Complementary

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



CBD3E9



E9E1CB

# 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.



CCD7C1



CBD3E9



E4D0BF

# Square

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



CBD3E9



EBCCD0



D9D3BD



B9DAD6

# Rectangle

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



CBD3E9



E1CDDF



D9D3BD



C4D8C7



# Sweetspot

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



CBD3E9



F5F8FF



CBE9E1



797B80



000000



808080



# Same Dimension

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



CBD3E9



D9E3FF



D2CBE9



6A6D75



0030B5



000E36



# Inverse Universe

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



E9CBD3



FFD9E3



E2E9CB



756A6D



B50030

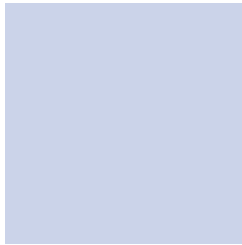


36000E



# Previews

## White Background



This preview shows how the Hex color CBD3E9 looks on a white background.

## Color Contrast Check

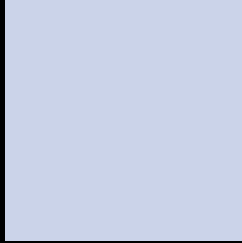
Large Text (above 18pt) WCAG AA × Fail

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 CBD3E9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

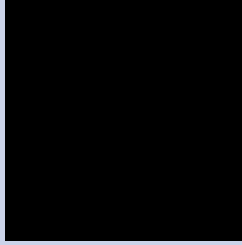
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CBD3E9 Background



This preview shows how black text looks on a background with the Hex color CBD3E9.

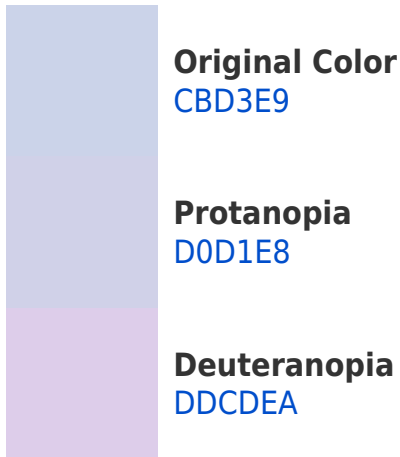


This preview shows how white text looks on a background with the Hex color CBD3E9.

# 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**  
CBD3E9

**Protanomaly**  
CED2E8

**Deuteranomaly**  
D6CFEA

**Tritanomaly**  
CAD4E6

# Monochromacy



**Original Color**  
CBD3E9

**Achromatopsia**  
D3D3D3

**Achromatomaly**  
D0D3DB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBD3E9 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 #CBD3E9 looks like.

```
.text, #text, p{  
    color:#CBD3E9  
}
```

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 #CBD3E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBD3E9
}
```

## Border

The CSS property to change the border of an element to Hex CBD3E9 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
#CBD3E9 }
```

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

```
.border{ border-color:#CBD3E9 }
```

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

Here you see how a box with a 4 pixel #CBD3E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBD3E9; -webkit-box-shadow:4px 4px  
4px 4px #CBD3E9; box-shadow:4px 4px 4px  
4px #CBD3E9 }
```

# Background

The CSS property to change the background color of an element to Hex CBD3E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBD3E9 }
```

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

```
.background{ background-color:#CBD3E9 }
```

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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