

# Converting Colors

Hex(CBD2E8)

Have a look what the booklet for  
Hex(CBD2E8) contains.

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# **Color**

**Hex(CBD2E8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">CBD2E8</a>
RGB	<a href="#">203, 210, 232</a>
RGB Percent	<a href="#">80%, 82%, 91%</a>
CMY	<a href="#">0.2039, 0.1765, 0.0902</a>
CMYK	<a href="#">0.13, 0.09, 0.00, 0.09</a>
HSL	<a href="#">226°, 39%, 85%</a>
HSV	<a href="#">226°, 13%, 91%</a>
XYZ	<a href="#">62.2407, 64.6159, 85.5356</a>
YIQ	<a href="#">210.4150, -11.2340, 5.3580</a>

# Conversions

## Conversions Part 2

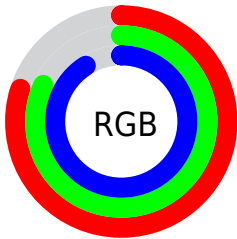
Format	Color
R <sub>Y</sub> B	203, 209, 232
Decimal	13357800
CIE Lab	84.29, 1.93, -11.63
CIE LCh	84, 11.793, 279.406
Yxy	64.6159, 0.2930, 0.3042
Android (android.graphics.Color)	4291547880 (0xFFCBD2E8)
YUV	210.4150, 10.6414, -6.5030
Hunter-Lab	80.3840, -2.4609, -6.8209

# Details

The Hex color **CBD2E8** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E8E1CB**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFFFFF**, and **959CB0** is the 20% darker color. If you saturate the color by 10%, you get **B4C0E8**, and if you desaturate by 10%, it is **E2E4E8**.

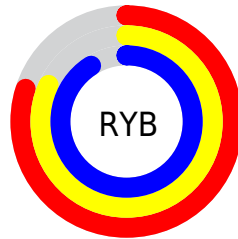
# Distribution



Red (80%)

Green (82%)

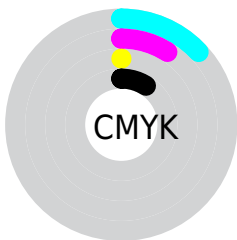
Blue (91%)



Red (80%)

Yellow (82%)

Blue (91%)

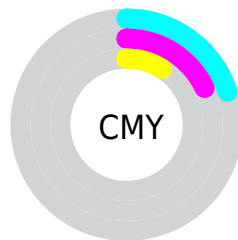


Cyan (13%)

Magenta (9%)

Yellow (0%)

Black (9%)



Cyan (20%)

Magenta (18%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBD2E8 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 CBD2E8 by changing the saturation by 10% instead.



■ CBD2E8

FFFFFF

■ CBD2E8

■ AFB6CC

■ 959CB0

■ 7B8296

■ 62697C

■ 4A5063

■ 333A4B

■ 1D2434

■ 070F1F

■ 000004

 CBD2E8

 CBD2E8

 B4C0E8

 E2E4E8

 9DAFE8

 F9F5E8

 859DE8


 FFFFE8

 6E8CE8

 577AE8

 4068E8

 2957E8

 1145E8

 0038E8

# Harmonies

## Analogous

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



BED6E7



CBD2E8



D9CEE3

# Triad

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



CBD2E8



E9CCC5



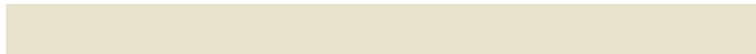
BFD8CA

# Complementary

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



CBD2E8



E8E1CB

# 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.



CBD6C1



CBD2E8



E3CFBE

# Square

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



CBD2E8



EACBCF



D8D3BC



B8D9D5

# Rectangle

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



CBD2E8



E1CCDE



D8D3BC



C3D8C7



# Sweetspot

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



CBD2E8



F5F7FF



CBE8E1



797B80



000000



808080



# Same Dimension

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



CBD2E8



D9E2FF



D2CBE8



676A73



002BB3



000C33



# Inverse Universe

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



E8CBD2



FFD9E2



E1E8CB



73676A



B3002B

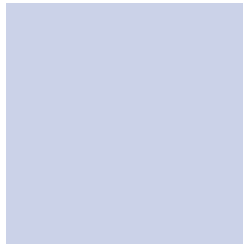


33000C



# Previews

## White Background



This preview shows how the Hex color CBD2E8 looks on a white background.

## Color Contrast Check

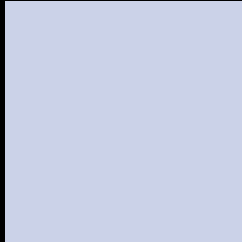
Large Text (above 18pt) WCAG AA × Fail

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 CBD2E8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

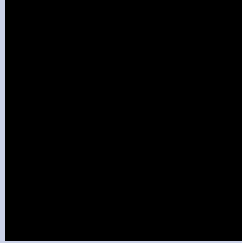
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CBD2E8 Background



This preview shows how black text looks on a background with the Hex color CBD2E8.

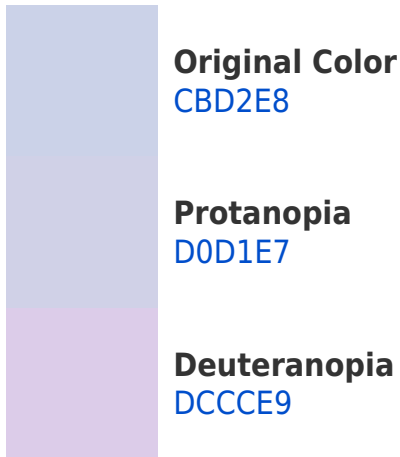


This preview shows how white text looks on a background with the Hex color CBD2E8.

# Color Blindness Simulation

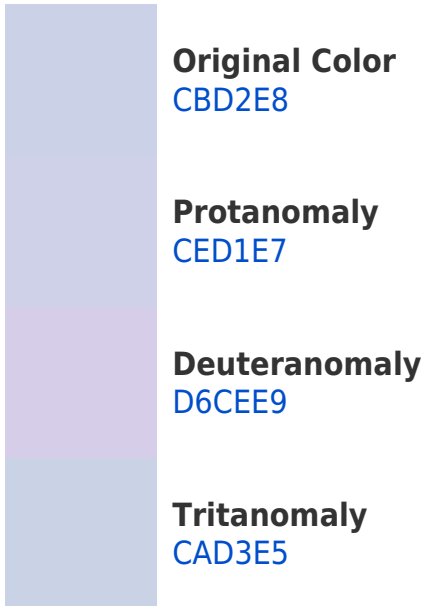
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

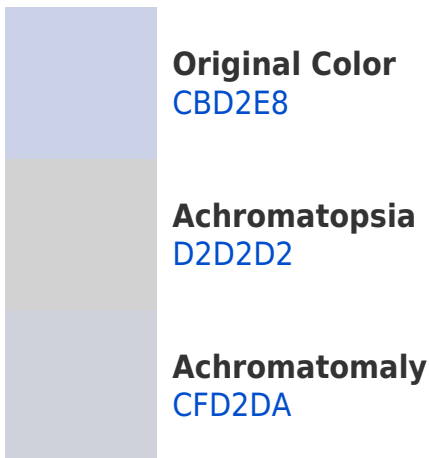




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBD2E8 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 #CBD2E8 looks like.

```
.text, #text, p{  
    color:#CBD2E8  
}
```

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 #CBD2E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBD2E8
}
```

## Border

The CSS property to change the border of an element to Hex CBD2E8 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
#CBD2E8 }
```

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

```
.border{ border-color:#CBD2E8 }
```

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

Here you see how a box with a 4 pixel #CBD2E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBD2E8; -webkit-box-shadow:4px 4px  
4px 4px #CBD2E8; box-shadow:4px 4px 4px  
4px #CBD2E8 }
```

# Background

The CSS property to change the background color of an element to Hex CBD2E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBD2E8 }
```

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

```
.background{ background-color:#CBD2E8 }
```

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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