

# Converting Colors

Hex(CBCEE1)

Have a look what the booklet for  
Hex(CBCEE1) contains.

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# **Color**

**Hex(CBCEE1)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | CBCEE1                    |
| RGB         | 203, 206, 225             |
| RGB Percent | 80%, 81%, 88%             |
| CMY         | 0.2039, 0.1922, 0.1176    |
| CMYK        | 0.10, 0.08, 0.00, 0.12    |
| HSL         | 232°, 27%, 84%            |
| HSV         | 232°, 10%, 88%            |
| XYZ         | 60.2905, 62.2754, 80.0769 |
| YIQ         | 207.2690, -7.8870, 5.2730 |

# Conversions

## Conversions Part 2

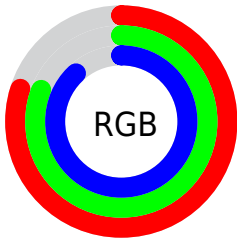
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 203, 206, 225                |
| Decimal                             | 13356769                     |
| CIE Lab                             | 83.06, 2.63, -9.74           |
| CIE LCh                             | 83, 10.084, 285.105          |
| Yxy                                 | 62.2754, 0.2975,<br>0.3073   |
| Android<br>(android.graphics.Color) | 4291546849<br>(0xFFC BCEE1)  |
| YUV                                 | 207.2690, 8.7414,<br>-3.7439 |
| Hunter-Lab                          | 78.9147, -1.7276,<br>-4.9228 |

# Details

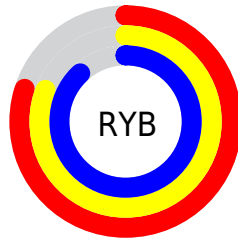
The Hex color **CBCEE1** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E1DECB**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FFFFFF**, and **9598AA** is the 20% darker color. If you saturate the color by 10%, you get **B4BBE1**, and if you desaturate by 10%, it is **E1E1E1**.

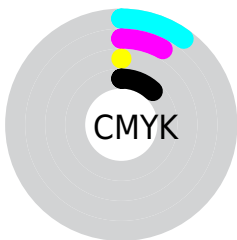
# Distribution



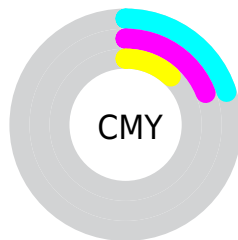
- Red (80%)
- Green (81%)
- Blue (88%)



- Red (80%)
- Yellow (81%)
- Blue (88%)



- Cyan (10%)
- Magenta (8%)
- Yellow (0%)
- Black (12%)



- Cyan (20%)
- Magenta (19%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBCEE1 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 CBCEE1 by changing the saturation by 10% instead.



■ CBCEE1

FFFFFF

■ CBCEE1

■ B0B3C5

■ 9598AA

■ 7B7E8F

■ 626576

■ 4A4D5D

■ 333645

■ 1E212F

■ 070A1B

■ 000000

 CBCEE1

 CBCEE1

 B4BBE1

 E1E1E1

 9EA7E1

 F8F5E1

 8894E1


 FFFFE1

 7180E1

 5B6DE1

 4459E1

 2D46E1

 1733E1

 001FE1

# Harmonies

## Analogous

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



C0D1E1



CBCEE1



D7CBDC

# Triad

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



CBCEE1



E2CAC2



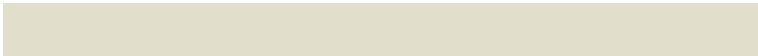
BDD4CA

# Complementary

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



CBCEE1



E1DECB

# 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.



C7D2C1



CBCEE1



DCCDBD

# Square

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



CBCEE1



E4C9CA



D2D0BD



B8D5D3

# Rectangle

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



CBCEE1



DDC9D7



D2D0BD



C0D4C7



# Sweetspot

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



CBCEE1



F7F8FF



CBE1DE



7A7B80



000000



808080



# Same Dimension

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



CBCEE1



E0E5FF



D3CBE1



656770



0018B0



000730



# Inverse Universe

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



E1CBCE



FFE0E5



D9E1CB



706567



B00018

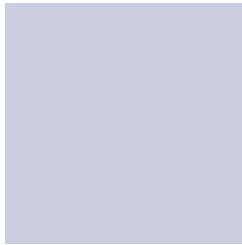


300007



# Previews

## White Background



This preview shows how the Hex color CBCEE1 looks on a white background.

## Color Contrast Check

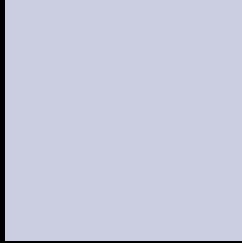
Large Text (above 18pt) WCAG AA × Fail

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 CBCEE1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

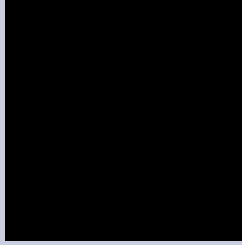
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

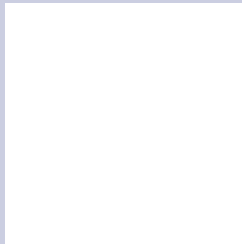
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CBCEE1 Background



This preview shows how black text looks on a background with the Hex color CBCEE1.

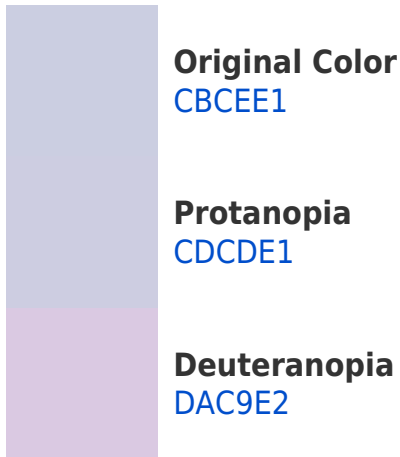


This preview shows how white text looks on a background with the Hex color CBCEE1.

# 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**  
CBCEE1

**Protanomaly**  
CCCDE1

**Deuteranomaly**  
D5CBE2

**Tritanomaly**  
CBCEE0

# Monochromacy



**Original Color**  
CBCEE1

**Achromatopsia**  
CFCFCF

**Achromatomaly**  
CECFD6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBCEE1 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 #CBCEE1 looks like.

```
.text, #text, p{  
    color:#CBCEE1  
}
```

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 #CBCEE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBCEE1  
}
```

## Border

The CSS property to change the border of an element to Hex CBCEE1 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  
#CBCEE1 }
```

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

```
.border{ border-color:#CBCEE1 }
```

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

Here you see how a box with a 4 pixel #CBCEE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBCEE1; -webkit-box-shadow:4px 4px  
4px 4px #CBCEE1; box-shadow:4px 4px 4px  
4px #CBCEE1 }
```

# Background

The CSS property to change the background color of an element to Hex CBCEE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBCEE1 }
```

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

```
.background{ background-color:#CBCEE1 }
```

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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