

Converting Colors

Hex(CBCBE0)

Have a look what the booklet for
Hex(CBCBE0) contains.

| | |
|--|----|
| Hex(CBCBE0) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(CBCBE0)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | CBCBE0 |
| RGB | 203, 203, 224 |
| RGB Percent | 80%, 80%, 88% |
| CMY | 0.2039, 0.2039, 0.1216 |
| CMYK | 0.09, 0.09, 0.00, 0.12 |
| HSL | 240°, 25%, 84% |
| HSV | 240°, 9%, 88% |
| XYZ | 59.4391, 60.7902, 79.1219 |
| YIQ | 205.3940, -6.7410, 6.5310 |

Conversions

Conversions Part 2

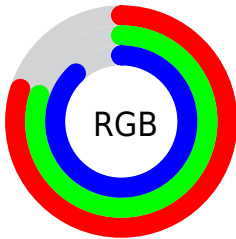
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 203, 203, 224 |
| Decimal | 13356000 |
| CIE Lab | 82.27, 4.02, -10.38 |
| CIE LCh | 82, 11.134, 291.152 |
| Yxy | 60.7902, 0.2982, 0.3049 |
| Android (android.graphics.Color) | 4291546080 (0xFFCBCBE0) |
| YUV | 205.3940, 9.1728, -2.0995 |
| Hunter-Lab | 77.9681, -0.3644, -5.5898 |

Details

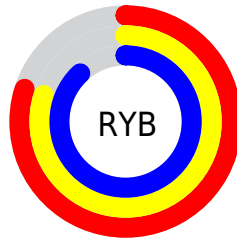
The Hex color **CBCBE0** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E0E0CB**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFFFFF**, and **9595A9** is the 20% darker color. If you saturate the color by 10%, you get **B5B5E0**, and if you desaturate by 10%, it is **E1E1E0**.

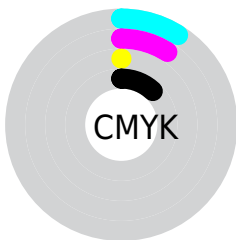
Distribution



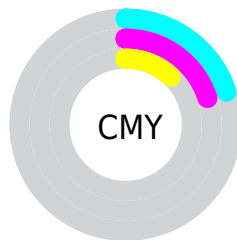
- Red (80%)
- Green (80%)
- Blue (88%)



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



- Cyan (9%)
- Magenta (9%)
- Yellow (0%)
- Black (12%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color CBCBE0 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 CBCBE0 by changing the saturation by 10% instead.

■ CBCBE0

FFFFFF

■ CBCBE0

■ B0B0C4

■ 9595A9

■ 7B7B8E

■ 626275

■ 4A4B5C

■ 333445

■ 1E1F2E

■ 07061A

■ 000000

 CBCBE0

 CBCBE0

 B5B5E0


 E1E1E0

 9E9EE0

 F8F8E0

 8888E0

 FFFFE0


 7171E0

 5B5BE0

 4545E0

 2E2EE0

 1818E0

 0101E0

Harmonies

Analogous

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



BECEE1



CBCBE0



D7C8DA

Triad

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



CBCBE0



E1C8BD



B7D3C9

Complementary

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



CBCBE0



E0E0CB

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.



C1D1BF



CBCBE0



D9CBB8

Square

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



CBCBE0



E3C6C6



CDCEB9



B3D3D4

Rectangle

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



CBCBE0



DEC6D4



CDCEB9



BAD2C6

Sweetspot

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



CBCBE0



F7F7FF



CBE0E0



7A7A80



000000



808080

Same Dimension

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



CBCBE0



E3E3FF



D6CBE0



656570



0000B0



000030

Inverse Universe

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



E0CBE0



FFE3FF



D6E0CB



706570



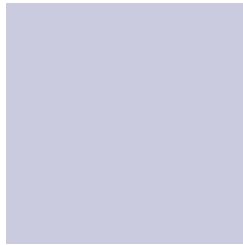
B000B0



300030

Previews

White Background



This preview shows how the Hex color CBCBE0 looks on a white background.

Color Contrast Check

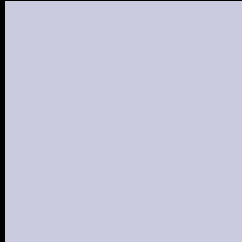
Large Text (above 18pt) WCAG AA × Fail

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 CBCBE0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

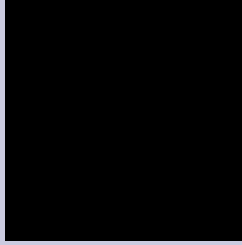
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

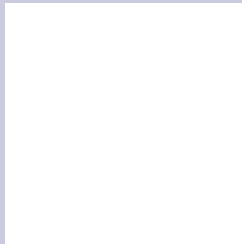
Any Text WCAG AAA ✓ Pass

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

Hex CBCBE0 Background



This preview shows how black text looks on a background with the Hex color CBCBE0.

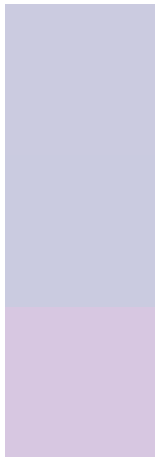


This preview shows how white text looks on a background with the Hex color CBCBE0.

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



Original Color
CBCBE0

Protanopia
CACBE0

Deuteranopia
D7C7E1

Trichromacy



Original Color
CBCBE0

Protanomaly
CACBE0

Deuteranomaly
D3C8E1

Tritanomaly
CACCCD

Monochromacy



Original Color
CBCBE0

Achromatopsia
CDCDCD

Achromatomaly
CCCCD4

CSS Examples

Text

The CSS property to change the color of the text to Hex CBCBE0 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 #CBCBE0 looks like.

```
.text, #text, p{  
    color:#CBCBE0  
}
```

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 #CBCBE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBCBE0
}
```

Border

The CSS property to change the border of an element to Hex CBCBE0 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
#CBCBE0 }
```

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

```
.border{ border-color:#CBCBE0 }
```

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

Here you see how a box with a 4 pixel `#CBCBE0` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBCBE0; -webkit-box-shadow:4px 4px  
4px 4px #CBCBE0; box-shadow:4px 4px 4px  
4px #CBCBE0 }
```

Background

The CSS property to change the background color of an element to Hex CBCBE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBCBE0 }
```

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

```
.background{ background-color:#CBCBE0 }
```

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