

# Converting Colors

Hex(CBC3E9)

Have a look what the booklet for  
Hex(CBC3E9) contains.

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# **Color**

**Hex(CBC3E9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CBC3E9
RGB	203, 195, 233
RGB Percent	80%, 76%, 91%
CMY	0.2039, 0.2353, 0.0863
CMYK	0.13, 0.16, 0.00, 0.09
HSL	253°, 46%, 84%
HSV	253°, 16%, 91%
XYZ	58.8517, 57.6099, 85.1088
YIQ	201.7240, -7.4300, 13.5140

# Conversions

## Conversions Part 2

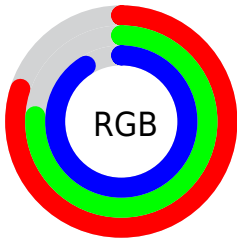
Format	Color
R <sub>Y</sub> B	203, 195, 233
Decimal	13353961
CIE Lab	80.52, 10.12, -17.82
CIE LCh	81, 20.492, 299.605
Yxy	57.6099, 0.2920, 0.2858
Android (android.graphics.Color)	4291544041 (0xFFCBC3E9)
YUV	201.7240, 15.4191, 1.1191
Hunter-Lab	75.9012, 5.5769, -13.3517

# Details

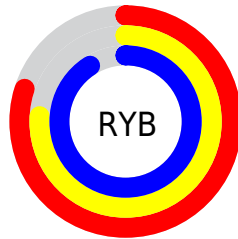
The Hex color **CBC3E9** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E1E9C3**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFFCFF**, and **958DB1** is the 20% darker color. If you saturate the color by 10%, you get **B9ACE9**, and if you desaturate by 10%, it is **DDDAE9**.

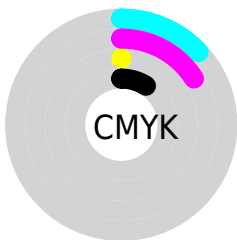
# Distribution



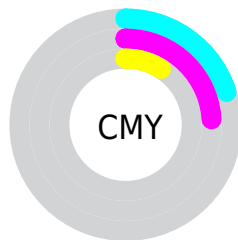
- Red (80%)
- Green (76%)
- Blue (91%)



- Red (80%)
- Yellow (76%)
- Blue (91%)



- Cyan (13%)
- Magenta (16%)
- Yellow (0%)
- Black (9%)



- Cyan (20%)
- Magenta (24%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBC3E9 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 CBC3E9 by changing the saturation by 10% instead.



■ CBC3E9

■ CBC3E9

FFFFFF

■ AFA8CD

■ FFFCFF

■ 958DB1

■ 7B7497

■ 625B7D

■ 494464

■ 322E4C

■ 1C1935

■ 070020

■ 000004

 CBC3E9

 CBC3E9

 B9ACE9


 DDDAE9

 A694E9

 F0F2E9

 947DE9

 FFFFE9

 8166E9

 6F4FE9

 5D37E9

 4A20E9

 3809E9

 3100E9

# Harmonies

## Analogous

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



B2CAEE



CBC3E9



E1BDDB

# Triad

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



CBC3E9



E7C0A7



9BD3C7

# Complementary

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



CBC3E9



E1E9C3

# 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.



ACD1B4



CBC3E9



D7C6A2

# Square

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



CBC3E9



F0CB6



C2CCA6



94D2DA

# Rectangle

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



CBC3E9



EABBCF



C2CCA6



A0D2C0



# Sweetspot

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



CBC3E9



F5F2FF



C3E1E9



797880



000000



808080



# Same Dimension

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



CBC3E9



D7CCFF



DEC3E9



6C6A75



2600B5



0B0036



# Inverse Universe

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



E9C3E1



FFCCF4



CEE9C3



756A73



B5008F

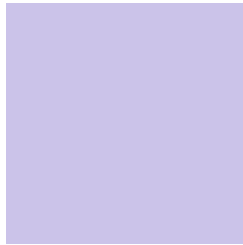


36002A



# Previews

## White Background



This preview shows how the Hex color CBC3E9 looks on a white background.

## Color Contrast Check

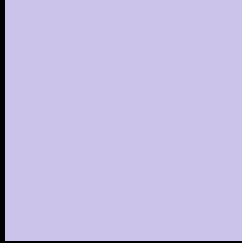
Large Text (above 18pt) WCAG AA × Fail

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 CBC3E9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

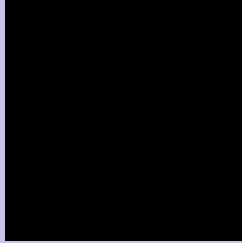
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CBC3E9 Background



This preview shows how black text looks on a background with the Hex color CBC3E9.



This preview shows how white text looks on a background with the Hex color CBC3E9.

# 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**  
CBC3E9

**Protanopia**  
C1C6EB

**Deuteranopia**  
CBC3E9



**Tritanopia**  
C8C6D6

# Trichromacy



**Original Color**  
CBC3E9

**Protanomaly**  
C5C5EA

**Deuteranomaly**  
CBC3E9

**Tritanomaly**  
C9C5DD

# Monochromacy



**Original Color**  
CBC3E9

**Achromatopsia**  
CACACA

**Achromatomaly**  
CAC7D5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBC3E9 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 #CBC3E9 looks like.

```
.text, #text, p{  
    color:#CBC3E9  
}
```

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 #CBC3E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBC3E9
}
```

## Border

The CSS property to change the border of an element to Hex CBC3E9 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
#CBC3E9 }
```

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

```
.border{ border-color:#CBC3E9 }
```

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

Here you see how a box with a 4 pixel #CBC3E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBC3E9; -webkit-box-shadow:4px 4px  
4px 4px #CBC3E9; box-shadow:4px 4px 4px  
4px #CBC3E9 }
```

# Background

The CSS property to change the background color of an element to Hex CBC3E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBC3E9 }
```

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

```
.background{ background-color:#CBC3E9 }
```

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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