

# Converting Colors

Hex(C3BECF)

Have a look what the booklet for  
Hex(C3BECF) contains.

<b>Hex(C3BECF)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(C3BECF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3BECF
RGB	195, 190, 207
RGB Percent	76%, 75%, 81%
CMY	0.2353, 0.2549, 0.1882
CMYK	0.06, 0.08, 0.00, 0.19
HSL	258°, 15%, 78%
HSV	258°, 8%, 81%
XYZ	52.1816, 52.9340, 66.4985
YIQ	193.4330, -2.4770, 6.3470

# Conversions

## Conversions Part 2

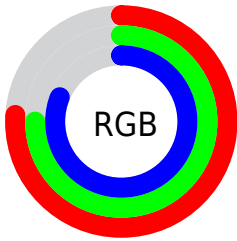
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	195, 190, 207
Decimal	12828367
CIE <sub>Lab</sub>	77.84, 4.95, -7.90
CIE <sub>LCh</sub>	78, 9.322, 302.063
Yxy	52.9340, 0.3041, 0.3084
Android (android.graphics.Color)	4291018447 (0xFFC3BECF)
<b>YUV</b>	193.4330, 6.6885, 1.3743
Hunter-Lab	72.7558, 0.7005, -3.2618

# Details

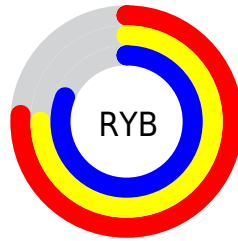
The Hex color **C3BECF** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **CACFBE**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FCF6FF**, and **8D8999** is the 20% darker color. If you saturate the color by 10%, you get **B4A9CF**, and if you desaturate by 10%, it is **D2D3CF**.

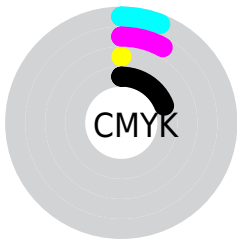
# Distribution



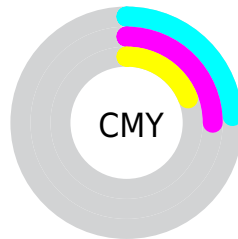
- Red (76%)
- Green (75%)
- Blue (81%)



- Red (76%)
- Yellow (75%)
- Blue (81%)



- Cyan (6%)
- Magenta (8%)
- Yellow (0%)
- Black (19%)



- Cyan (24%)
- Magenta (25%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C3BECF 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 C3BECF by changing the saturation by 10% instead.



 C3BECF

 C3BECF

FFFFFF

 A8A3B3

 FCF6FF

 8D8999

 746F7F

 5B5766

 44404E

 2D2A37

 191522

 00000A

 000000

 C3BECF

 C3BECF

 B4A9CF

 D2D3CF

 A695CF

 E0E7CF

 9780CF

 EFFCCF

 896BCF

 FDFFCF

 7A57CF

 FFFF CF

 6B42CF

 5D2DCF

 4E18CF

 3F04CF

# Harmonies

## Analogous

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



B8C1D1



C3BECF



CCBCC9

# Triad

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



C3BECF



CFBDB1



ADC6C1

# Complementary

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



C3BECF



CACFBE

# 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.



B4C5B8



C3BECF



C7C0AF

# Square

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



C3BECF



D3BBB8



BDC3B2



ABC5C9

# Rectangle

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



C3BECF



D1BBC3



BDC3B2



AFC5BE



# Sweetspot

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



C3BECF



FBFAFF



BECACF



7E7D80



000000



808080



# Same Dimension

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



C3BECF



EDE6FF



CBBECF



615E69



3100A8



0C0029



# Inverse Universe

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



CFBECA



FFE6F8



C2CFBE



695E65



A80077

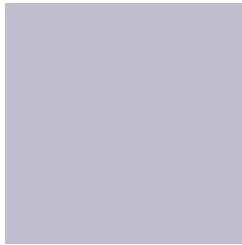


29001D



# Previews

## White Background



This preview shows how the Hex color C3BECF looks on a white background.

## Color Contrast Check

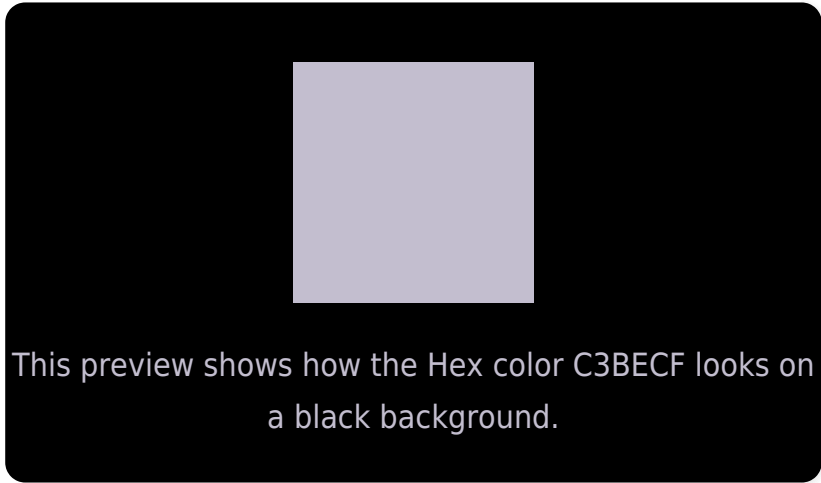
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

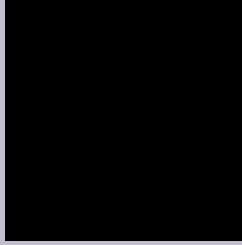
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

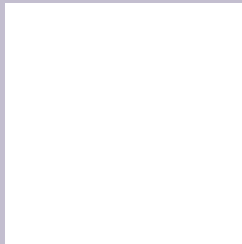
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C3BECF Background



This preview shows how black text looks on a background with the Hex color C3BECF.

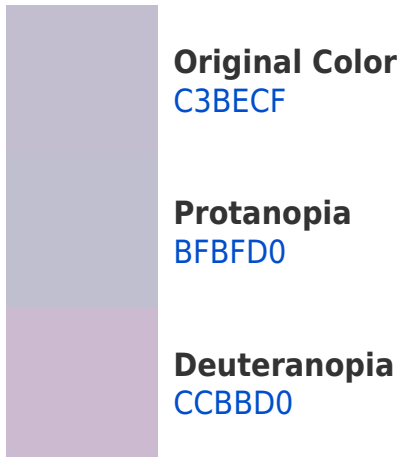


This preview shows how white text looks on a background with the Hex color C3BECF.

# 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**  
C3BECF

**Protanomaly**  
C0BFD0

**Deuteranomaly**  
C9BCD0

**Tritanomaly**  
C3BECE

# Monochromacy



**Original Color**  
C3BECF

**Achromatopsia**  
C1C1C1

**Achromatomaly**  
C2C0C6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C3BECF 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 #C3BECF looks like.

```
.text, #text, p{  
    color:#C3BECF  
}
```

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 #C3BECF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3BECF
}
```

## Border

The CSS property to change the border of an element to Hex C3BECF 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
#C3BECF }
```

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

```
.border{ border-color:#C3BECF }
```

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

Here you see how a box with a 4 pixel #C3BECF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3BECF; -webkit-box-shadow:4px 4px  
4px 4px #C3BECF; box-shadow:4px 4px 4px  
4px #C3BECF }
```

# Background

The CSS property to change the background color of an element to Hex C3BECF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3BECF }
```

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

```
.background{ background-color:#C3BECF }
```

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