

# Converting Colors

Hex(BFC7EA)

Have a look what the booklet for  
Hex(BFC7EA) contains.

<b>Hex(BFC7EA)</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(BFC7EA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BFC7EA
RGB	191, 199, 234
RGB Percent	75%, 78%, 92%
CMY	0.2510, 0.2196, 0.0824
CMYK	0.18, 0.15, 0.00, 0.08
HSL	229°, 51%, 83%
HSV	229°, 18%, 92%
XYZ	56.7606, 57.8637, 86.0191
YIQ	200.5980, -16.0030, 9.1890

# Conversions

## Conversions Part 2

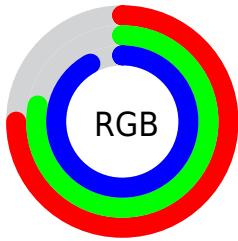
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	191, 198, 234
Decimal	12568554
CIE <sub>Lab</sub>	80.66, 4.40, -18.23
CIE <sub>LCh</sub>	81, 18.752, 283.586
Yxy	57.8637, 0.2829, 0.2884
Android (android.graphics.Color)	4290758634 (0xFFBFC7EA)
YUV	200.5980, 16.4672, -8.4174
Hunter-Lab	76.0682, 0.0737, -13.7983

# Details

The Hex color **BFC7EA** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **EAE2BF**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **F8FFFF**, and **8991B2** is the 20% darker color. If you saturate the color by 10%, you get **A8B4EA**, and if you desaturate by 10%, it is **D6DAEA**.

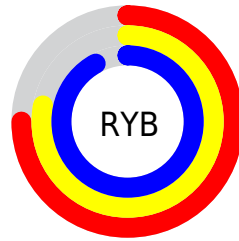
# Distribution



Red (75%)

Green (78%)

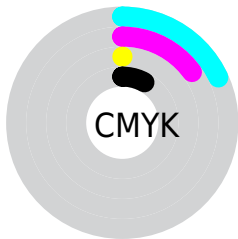
Blue (92%)



Red (75%)

Yellow (78%)

Blue (92%)

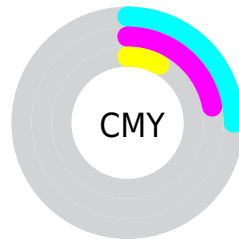


Cyan (18%)

Magenta (15%)

Yellow (0%)

Black (8%)



Cyan (25%)

Magenta (22%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BFC7EA 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 BFC7EA by changing the saturation by 10% instead.



 BFC7EA

 BFC7EA

FFFFFF

 A4ACCE

 F8FFFF

 8991B2


 6F7897

 565F7D

 3E4764

 27314C

 101C36

 000121

 000005

 BFC7EA

 BFC7EA

 A8B4EA

 D6DAEA

 90A1EA

 EEEDEA

 798EEA

 FFFFEA

 617BEA

 4A68EA

 3355EA

 1B42EA

 042FEA

 002CEA

# Harmonies

## Analogous

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



A9CDE9



BFC7EA



D5C1E2

# Triad

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



BFC7EA



EABFB1



A7D2BE

# Complementary

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



BFC7EA



EAE2BF

# 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.



BACFAE



BFC7EA



DFC4A7

# Square

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



BFC7EA



EDBCC1



CECAA6



9BD2D0

# Rectangle

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



BFC7EA



E1BED8



CECAA6



ADD1B8



# Sweetspot

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



BFC7EA



F0F3FF



BFEAE1



777880



000000



808080



# Same Dimension

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



BFC7EA



C7D1FF



CCBFEA



6A6C75



0022B5



000A36



# Inverse Universe

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



EABFC7



FFC7D1



DDEABF



756A6C



B50022

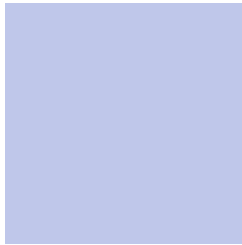


36000A



# Previews

## White Background



This preview shows how the Hex color BFC7EA looks on a white background.

## Color Contrast Check

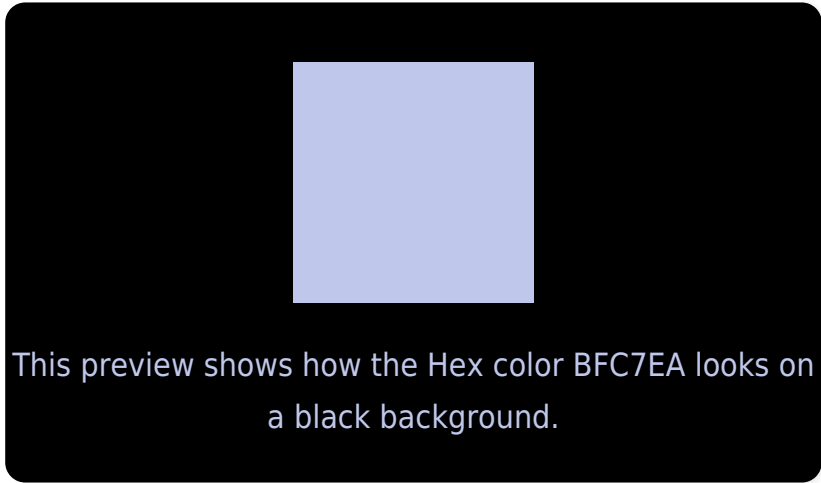
Large Text (above 18pt) WCAG AA × Fail

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

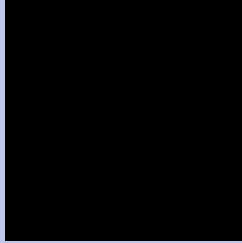
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BFC7EA Background



This preview shows how black text looks on a background with the Hex color BFC7EA.

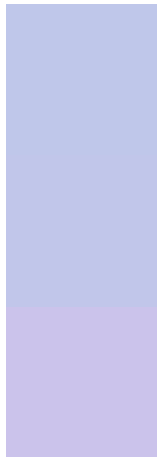


This preview shows how white text looks on a background with the Hex color BFC7EA.

# 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



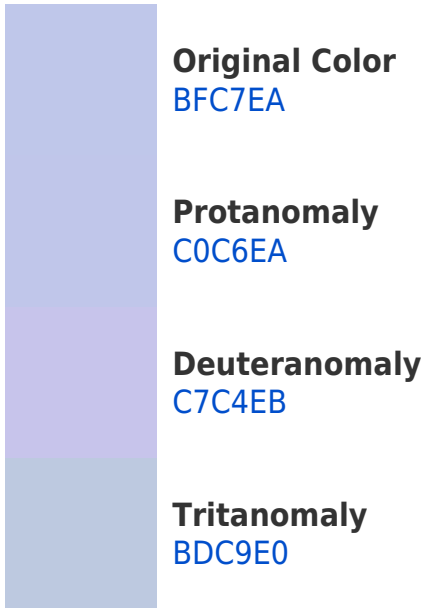
**Original Color**  
BFC7EA

**Protanopia**  
C1C6EA

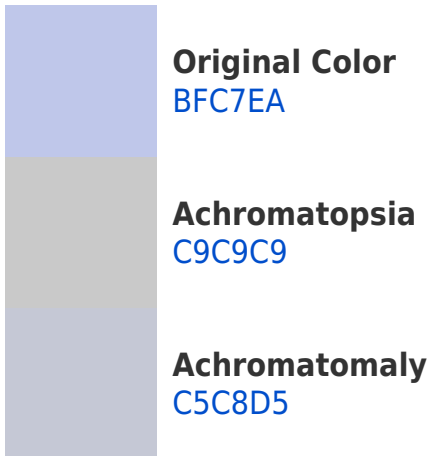
**Deuteranopia**  
CBC3EB



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BFC7EA 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 #BFC7EA looks like.

```
.text, #text, p{  
    color:#BFC7EA  
}
```

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 #BFC7EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BFC7EA
}
```

## Border

The CSS property to change the border of an element to Hex BFC7EA 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
#BFC7EA }
```

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

```
.border{ border-color:#BFC7EA }
```

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

Here you see how a box with a 4 pixel #BFC7EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BFC7EA; -webkit-box-shadow:4px 4px  
4px 4px #BFC7EA; box-shadow:4px 4px 4px  
4px #BFC7EA }
```

# Background

The CSS property to change the background color of an element to Hex BFC7EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BFC7EA }
```

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

```
.background{ background-color:#BFC7EA }
```

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