

# Converting Colors

Hex(BEC4F5)

Have a look what the booklet for  
Hex(BEC4F5) contains.

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# Color

**Hex(BEC4F5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">BEC4F5</a>
RGB	<a href="#">190, 196, 245</a>
RGB Percent	<a href="#">75%, 77%, 96%</a>
CMY	<a href="#">0.2549, 0.2314, 0.0392</a>
CMYK	<a href="#">0.22, 0.20, 0.00, 0.04</a>
HSL	<a href="#">233°, 73%, 85%</a>
HSV	<a href="#">233°, 22%, 96%</a>
XYZ	<a href="#">57.4566, 57.0196, 94.3638</a>
YIQ	<a href="#">199.7920, -19.3050, 13.9670</a>

# Conversions

## Conversions Part 2

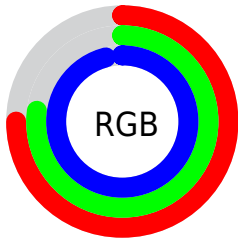
Format	Color
R <sub>Y</sub> B	190, 195, 245
Decimal	12502261
CIE Lab	80.19, 8.15, -24.84
CIE LCh	80, 26.142, 288.177
Yxy	57.0196, 0.2751, 0.2730
Android (android.graphics.Color)	4290692341 (0xFFBEC4F5)
YUV	199.7920, 22.2875, -8.5876
Hunter-Lab	75.5113, 3.6759, -21.2347

# Details

The Hex color **BEC4F5** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F5EFBE**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **F7FDFF**, and **888EBD** is the 20% darker color. If you saturate the color by 10%, you get **A6AEF5**, and if you desaturate by 10%, it is **D7DAF5**.

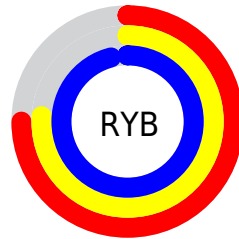
# Distribution



Red (75%)

Green (77%)

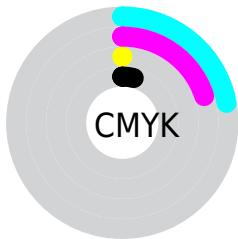
Blue (96%)



Red (75%)

Yellow (76%)

Blue (96%)

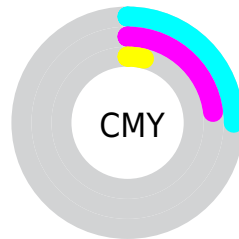


Cyan (22%)

Magenta (20%)

Yellow (0%)

Black (4%)



Cyan (25%)

Magenta (23%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BEC4F5 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 BEC4F5 by changing the saturation by 10% instead.



 BEC4F5

 BEC4F5

FFFFFF

 A3A9D8

 F7FDFD

 888EBD

 6E75A1

 545C87

 3C456E

 242F55

 091A3E

 000028

 000112

 BEC4F5

 BEC4F5

 A6AEF5

 D7DAF5

 8D98F5

 EFF0F5

 7583F5

 FFFFF5

 5C6DF5

 4457F5

 2B41F5

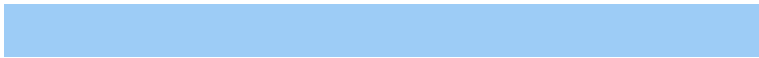
 132BF5

 001BF5

# Harmonies

## Analogous

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



9DCCF6



BEC4F5



DDBCE8

# Triad

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



BEC4F5



F3BAA4



93D4BC

# Complementary

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



BEC4F5



F5EFBE

# 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.



AED0A6



BEC4F5



E2C298

# Square

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



BEC4F5



F9B6B9



CACA98



83D5D5

# Rectangle

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



BEC4F5



ECB8DA



CACA98



9CD3B4



# Sweetspot

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



BEC4F5



EDEFFF



BEF5EF



757680



000000



808080



# Same Dimension

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



BEC4F5



BAC2FF



D3BEF5



6E6F7A



0014BA



00063B



# Inverse Universe

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



F5BEC4



FFBAC2



E0F5BE



7A6E6F



BA0014

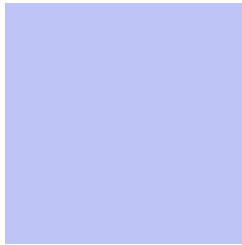


3B0006



# Previews

## White Background



This preview shows how the Hex color BEC4F5 looks on a white background.

## Color Contrast Check

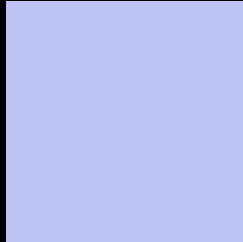
Large Text (above 18pt) WCAG AA × Fail

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 BEC4F5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

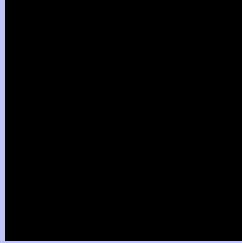
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BEC4F5 Background



This preview shows how black text looks on a background with the Hex color BEC4F5.



This preview shows how white text looks on a background with the Hex color BEC4F5.

# 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**  
BEC4F5

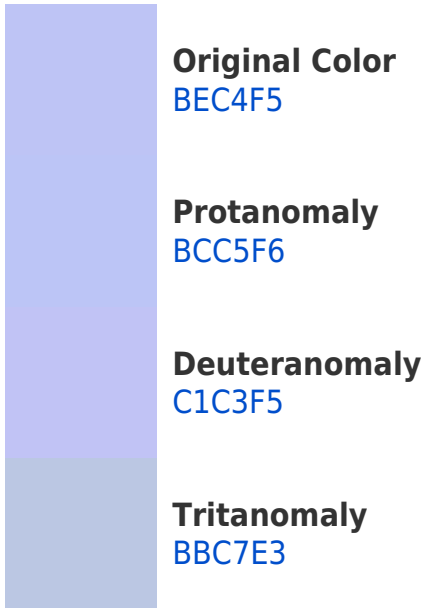
**Protanopia**  
BBC5F6

**Deuteranopia**  
C2C3F5

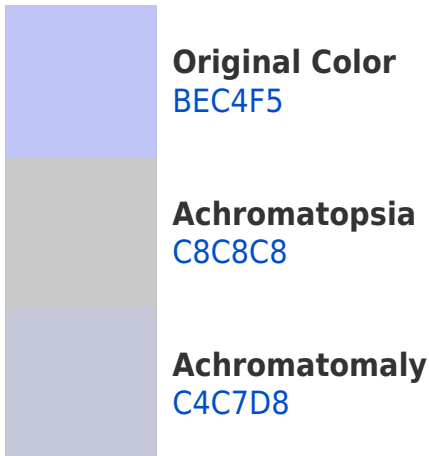


**Tritanopia**  
B9C9D9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BEC4F5 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 #BEC4F5 looks like.

```
.text, #text, p{  
    color:#BEC4F5  
}
```

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 #BEC4F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEC4F5
}
```

## Border

The CSS property to change the border of an element to Hex BEC4F5 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
#BEC4F5 }
```

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

```
.border{ border-color:#BEC4F5 }
```

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

Here you see how a box with a 4 pixel #BEC4F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEC4F5; -webkit-box-shadow:4px 4px  
4px 4px #BEC4F5; box-shadow:4px 4px 4px  
4px #BEC4F5 }
```

# Background

The CSS property to change the background color of an element to Hex BEC4F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEC4F5 }
```

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

```
.background{ background-color:#BEC4F5 }
```

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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