

# Converting Colors

Hex(BECE7)

Have a look what the booklet for  
Hex(BECEF7) contains.

<b>Hex(BECEF7)</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(BECE7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BECEF7
RGB	190, 206, 247
RGB Percent	75%, 81%, 97%
CMY	0.2549, 0.1922, 0.0314
CMYK	0.23, 0.17, 0.00, 0.03
HSL	223°, 78%, 86%
HSV	223°, 23%, 97%
XYZ	60.0950, 61.8052, 96.7579
YIQ	205.8900, -22.6970, 9.3590

# Conversions

## Conversions Part 2

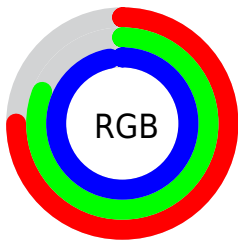
Format	Color
<a href="#">RYB</a>	<a href="#">190, 202, 247</a>
Decimal	<a href="#">12504823</a>
CIELab	<a href="#">82.81, 3.24, -21.92</a>
CIElCh	<a href="#">83, 22.159, 278.409</a>
Yxy	<a href="#">61.8052, 0.2748, 0.2827</a>
Android (android.graphics.Color)	<a href="#">4290694903 (0xFFBECEF7)</a>
YUV	<a href="#">205.8900, 20.2672, -13.9355</a>
Hunter-Lab	<a href="#">78.6163, -1.1314, -17.9405</a>

# Details

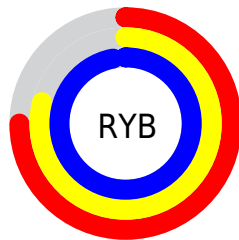
The Hex color **BECEF7** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F7E7BE**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **F7FFFF**, and **8898BF** is the 20% darker color. If you saturate the color by 10%, you get **A5BCF7**, and if you desaturate by 10%, it is **D7E0F7**.

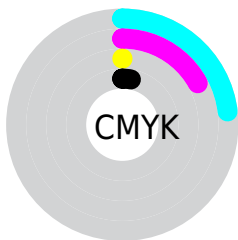
# Distribution



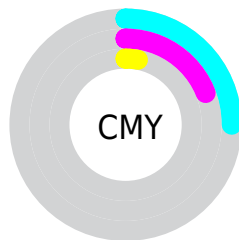
- Red (75%)
- Green (81%)
- Blue (97%)



- Red (75%)
- Yellow (79%)
- Blue (97%)



- Cyan (23%)
- Magenta (17%)
- Yellow (0%)
- Black (3%)



- Cyan (25%)
- Magenta (19%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BECEF7 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 BECEF7 by changing the saturation by 10% instead.



 BECEF7

 BECEF7

FFFFFF

 A3B3DA

 F7FFFF

 8898BF

 6E7EA3

 546589

 3C4D70

 233757

 082140

 000A2A

 000114

 BECEF7

 BECEF7

 A5BCF7

 D7E0F7

 8DAAF7

 EFF2F7


 7499F7

 FFFFF7

 5B87F7

 4275F7

 2A63F7

 1152F7

 0045F7

# Harmonies

## Analogous

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



A4D4F4



BECEF7



D9C7EF

# Triad

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



BECEF7



F8C2B5



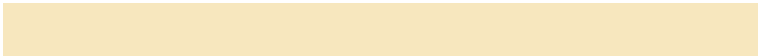
AAD9BE

# Complementary

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



BECEF7



F7E7BE

# 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.



C1D5AD



BECEF7



ECC8A8

# Square

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



BECEF7



F9C0C9



D8CFA5



99DAD3

# Rectangle

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



BECEF7



E8C3E4



D8CFA5



B1D8B8



# Sweetspot

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



BECEF7



EDF2FF



BEF7E7



757880



000000



808080



# Same Dimension

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



BECEF7



B8CCFF



CABEF7



6E727A



0034BA



00103B



# Inverse Universe

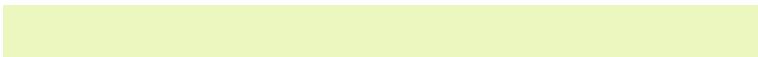
The Inverse Universe completely reimagines the original color for something new.



F7BECE



FFB8CC



EBF7BE



7A6E72



BA0034

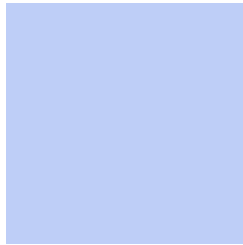


3B0010



# Previews

## White Background



This preview shows how the Hex color BECEF7 looks on a white background.

## Color Contrast Check

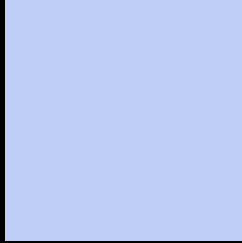
Large Text (above 18pt) WCAG AA × Fail

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 BECEF7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

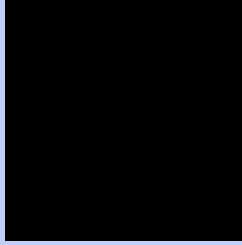
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BECEF7 Background



This preview shows how black text looks on a background with the Hex color BECEF7.



This preview shows how white text looks on a background with the Hex color BECEF7.

# 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**  
BECEF7

**Protanopia**  
C5CCF6

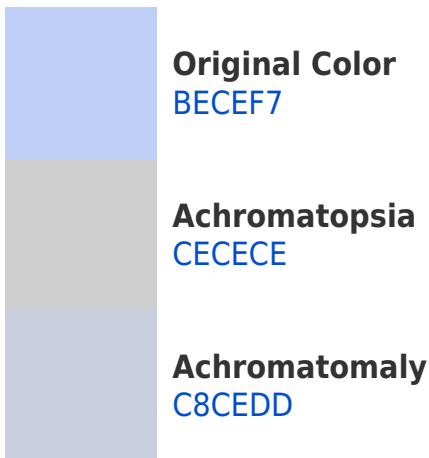
**Deuteranopia**  
CDC9F8



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BECEF7 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 #BECEF7 looks like.

```
.text, #text, p{  
    color:#BECEF7  
}
```

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 #BECEF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BECEF7  
}
```

## Border

The CSS property to change the border of an element to Hex BECEF7 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  
#BECEF7 }
```

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

```
.border{ border-color:#BECEF7 }
```

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

Here you see how a box with a 4 pixel #BECEF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BECEF7; -webkit-box-shadow:4px 4px  
4px 4px #BECEF7; box-shadow:4px 4px 4px  
4px #BECEF7 }
```

# Background

The CSS property to change the background color of an element to Hex BECEF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BECEF7 }
```

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

```
.background{ background-color:#BECEF7 }
```

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