

# Converting Colors

Hex(B7C3E3)

Have a look what the booklet for  
Hex(B7C3E3) contains.

<b>Hex(B7C3E3)</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(B7C3E3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7C3E3
RGB	183, 195, 227
RGB Percent	72%, 76%, 89%
CMY	0.2824, 0.2353, 0.1098
CMYK	0.19, 0.14, 0.00, 0.11
HSL	224°, 44%, 80%
HSV	224°, 19%, 89%
XYZ	52.9087, 54.6435, 80.4317
YIQ	195.0600, -17.4240, 7.4080

# Conversions

## Conversions Part 2

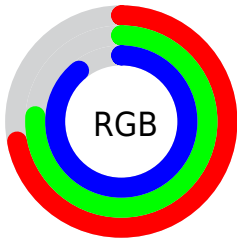
Format	Color
<a href="#">RYB</a>	<a href="#">183, 192, 227</a>
Decimal	<a href="#">12043235</a>
CIELab	<a href="#">78.84, 2.53, -17.29</a>
CIElCh	<a href="#">79, 17.470, 278.338</a>
Yxy	<a href="#">54.6435, 0.2815, 0.2907</a>
Android (android.graphics.Color)	<a href="#">4290233315</a> ( <a href="#">0xFFB7C3E3</a> )
YUV	<a href="#">195.0600, 15.7464, -10.5766</a>
Hunter-Lab	<a href="#">73.9213, -1.6020, -12.7669</a>

# Details

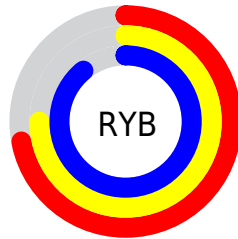
The Hex color **B7C3E3** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E3D7B7**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **EFFBFF**, and **818DAC** is the 20% darker color. If you saturate the color by 10%, you get **A0B2E3**, and if you desaturate by 10%, it is **CED4E3**.

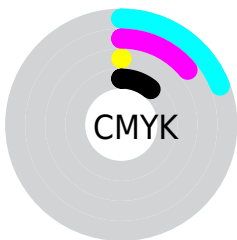
# Distribution



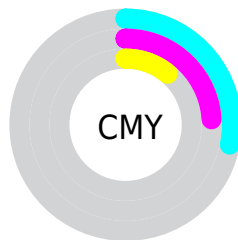
- Red (72%)
- Green (76%)
- Blue (89%)



- Red (72%)
- Yellow (75%)
- Blue (89%)



- Cyan (19%)
- Magenta (14%)
- Yellow (0%)
- Black (11%)



- Cyan (28%)
- Magenta (24%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7C3E3 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 B7C3E3 by changing the saturation by 10% instead.



 B7C3E3

 B7C3E3

FFFFFF

 9CA8C7

 E9FBFF

 818DAC

 687491

 4F5B77

 37445E

 202E47

 091930

 00011C

 000000

 B7C3E3

 B7C3E3

 A0B2E3

 CED4E3

 8AA2E3

 E4E4E3

 7391E3

 FBF5E3


 5C81E3

 FFFFE3

 4670E3

 2F60E3

 184FE3

 013FE3

 003EE3

# Harmonies

## Analogous

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



A4C8E1



B7C3E3



CCBEDD

# Triad

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



B7C3E3



E4BAB0



A7CCB7

# Complementary

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



B7C3E3



E3D7B7

# 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.



B9C8A9



B7C3E3



DBBEA5

# Square

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



B7C3E3



E5B8BF



CBC3A3



9BCDC7

# Rectangle

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



B7C3E3



D8BAD4



CBC3A3



ADCBB2



# Sweetspot

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



B7C3E3



F0F4FF



B7E3D7



777980



000000



808080



# Same Dimension

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



B7C3E3



C4D4FF



C1B7E3



676A73



0031B3



000E33



# Inverse Universe

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



E3B7C3



FFC4D4



D9E3B7



73676A



B30031

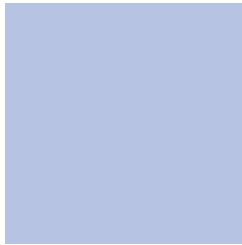


33000E



# Previews

## White Background



This preview shows how the Hex color B7C3E3 looks on a white background.

## Color Contrast Check

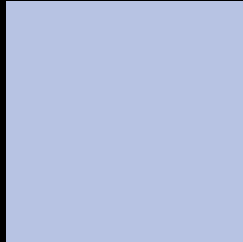
Large Text (above 18pt) WCAG AA × Fail

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 B7C3E3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

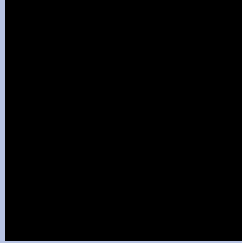
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B7C3E3 Background



This preview shows how black text looks on a background with the Hex color B7C3E3.



This preview shows how white text looks on a background with the Hex color B7C3E3.

# 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



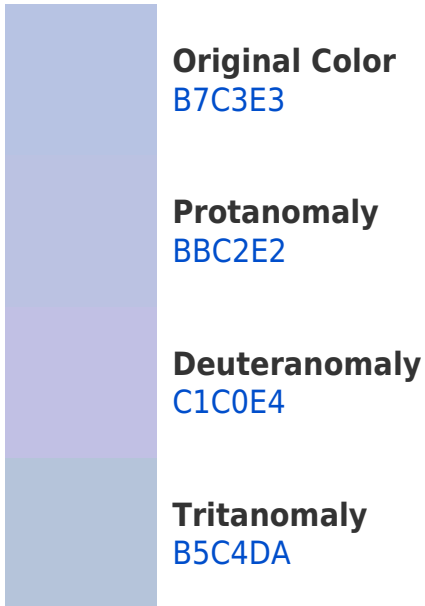
**Original Color**  
B7C3E3

**Protanopia**  
BDC1E2

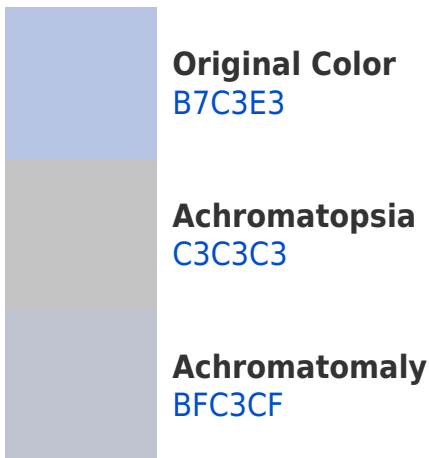
**Deuteranopia**  
C6BEE4



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7C3E3 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 #B7C3E3 looks like.

```
.text, #text, p{  
    color:#B7C3E3  
}
```

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 #B7C3E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7C3E3
}
```

## Border

The CSS property to change the border of an element to Hex B7C3E3 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
#B7C3E3 }
```

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

```
.border{ border-color:#B7C3E3 }
```

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

Here you see how a box with a 4 pixel #B7C3E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7C3E3; -webkit-box-shadow:4px 4px  
4px 4px #B7C3E3; box-shadow:4px 4px 4px  
4px #B7C3E3 }
```

# Background

The CSS property to change the background color of an element to Hex B7C3E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7C3E3 }
```

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

```
.background{ background-color:#B7C3E3 }
```

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