

# Converting Colors

Hex(B9C7EE)

Have a look what the booklet for  
Hex(B9C7EE) contains.

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# **Color**

**Hex(B9C7EE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9C7EE
RGB	185, 199, 238
RGB Percent	73%, 78%, 93%
CMY	0.2745, 0.2196, 0.0667
CMYK	0.22, 0.16, 0.00, 0.07
HSL	224°, 61%, 83%
HSV	224°, 22%, 93%
XYZ	55.8636, 57.3342, 89.0112
YIQ	199.2600, -20.8630, 9.1610

# Conversions

## Conversions Part 2

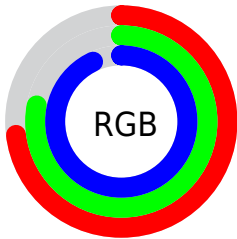
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	185, 196, 238
Decimal	12175342
CIE Lab	80.37, 3.45, -20.86
CIE LCh	80, 21.140, 279.393
Yxy	57.3342, 0.2763, 0.2835
Android (android.graphics.Color)	4290365422 (0xFFB9C7EE)
YUV	199.2600, 19.0988, -12.5060
Hunter-Lab	75.7193, -0.8165, -16.6943

# Details

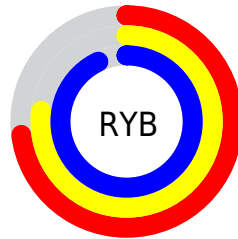
The Hex color **B9C7EE** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **EEE0B9**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **F2FFFF**, and **8391B6** is the 20% darker color. If you saturate the color by 10%, you get **A1B5EE**, and if you desaturate by 10%, it is **D1D9EE**.

# Distribution



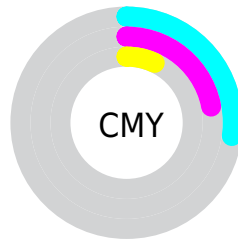
- Red (73%)
- Green (78%)
- Blue (93%)



- Red (73%)
- Yellow (77%)
- Blue (93%)



- Cyan (22%)
- Magenta (16%)
- Yellow (0%)
- Black (7%)



- Cyan (27%)
- Magenta (22%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9C7EE 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 B9C7EE by changing the saturation by 10% instead.



 B9C7EE

 B9C7EE

FFFFFF

 9EACD2

 F2FFFF

 8391B6

 69789B

 505F81

 384768

 203150

 061C39

 000123

 00000A

 B9C7EE

 B9C7EE

 A1B5EE

 D1D9EE

 89A4EE

 E9EAEE

 7292EE

 FFFCEE

 5A81EE

 FFFFEE

 426FEE

 2A5EEE

 124CEE

 003FEE

# Harmonies

## Analogous

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



A1CDEC



B9C7EE



D3C0E6

# Triad

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



B9C7EE



EFBCAF



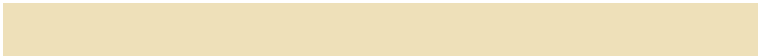
A4D2B9

# Complementary

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



B9C7EE



EEE0B9

# 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.



BACEA9



B9C7EE



E3C1A3

# Square

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



B9C7EE



F0BAC2



D0C8A0



95D3CD

# Rectangle

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



B9C7EE



E1BDDC



D0C8A0



ABD1B3



# Sweetspot

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



B9C7EE



EDF2FF



B9EEEE



757880



000000



808080



# Same Dimension

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



B9C7EE



BACCFE



C5B9EE



6C6F78



0030B8



000F38



# Inverse Universe

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



EEB9C7



FFBACC



E2EEB9



786C6F



B80030

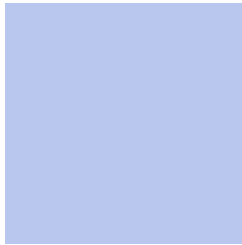


38000F



# Previews

## White Background



This preview shows how the Hex color B9C7EE looks on a white background.

## Color Contrast Check

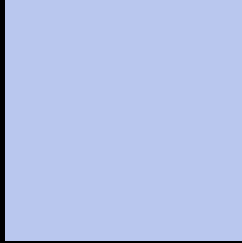
Large Text (above 18pt) WCAG AA × Fail

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 B9C7EE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

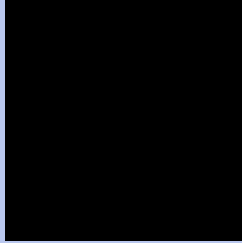
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B9C7EE Background



This preview shows how black text looks on a background with the Hex color B9C7EE.



This preview shows how white text looks on a background with the Hex color B9C7EE.

# 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



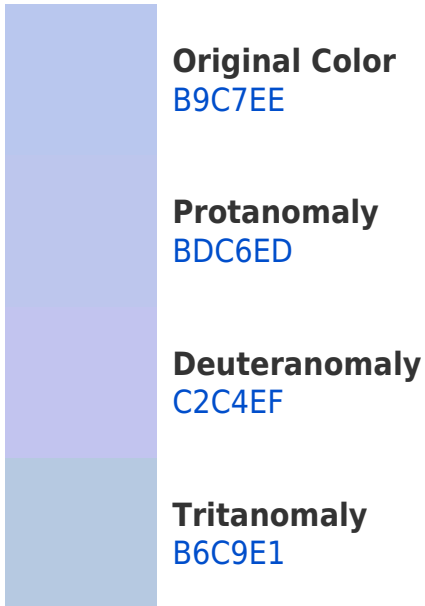
**Original Color**  
B9C7EE

**Protanopia**  
BFC5ED

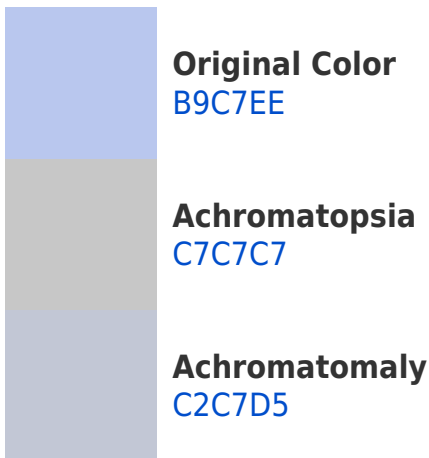
**Deuteranopia**  
C7C3EF



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9C7EE 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 #B9C7EE looks like.

```
.text, #text, p{  
    color:#B9C7EE  
}
```

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 #B9C7EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9C7EE
}
```

## Border

The CSS property to change the border of an element to Hex B9C7EE 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
#B9C7EE }
```

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

```
.border{ border-color:#B9C7EE }
```

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

Here you see how a box with a 4 pixel #B9C7EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9C7EE; -webkit-box-shadow:4px 4px  
4px 4px #B9C7EE; box-shadow:4px 4px 4px  
4px #B9C7EE }
```

# Background

The CSS property to change the background color of an element to Hex B9C7EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9C7EE }
```

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

```
.background{ background-color:#B9C7EE }
```

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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