

# Converting Colors

Hex(B9CFEB)

Have a look what the booklet for  
Hex(B9CFEB) contains.

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# **Color**

**Hex(B9CFEB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9CFEB
RGB	185, 207, 235
RGB Percent	73%, 81%, 92%
CMY	0.2745, 0.1882, 0.0784
CMYK	0.21, 0.12, 0.00, 0.08
HSL	214°, 56%, 82%
HSV	214°, 21%, 92%
XYZ	57.3158, 60.9381, 87.3386
YIQ	203.6140, -22.1000, 4.0440

# Conversions

## Conversions Part 2

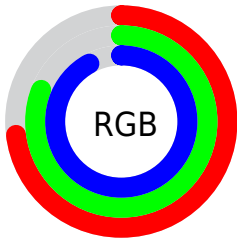
Format	Color
R <sub>Y</sub> B	185, 200, 235
Decimal	12177387
CIE Lab	82.35, -1.48, -16.27
CIE LCh	82, 16.334, 264.806
Yxy	60.9381, 0.2788, 0.2964
Android (android.graphics.Color)	4290367467 (0xFFB9CFEB)
YUV	203.6140, 15.4733, -16.3245
Hunter-Lab	78.0629, -5.5506, -11.6911

# Details

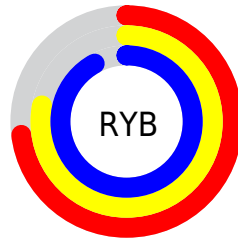
The Hex color **B9CFEB** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **EBD5B9**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **F2FFFF**, and **8399B3** is the 20% darker color. If you saturate the color by 10%, you get **A2C2EB**, and if you desaturate by 10%, it is **D1DCEB**.

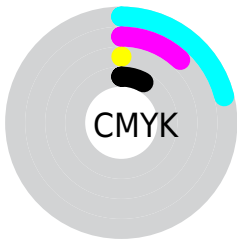
# Distribution



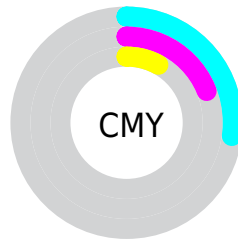
- Red (73%)
- Green (81%)
- Blue (92%)



- Red (73%)
- Yellow (78%)
- Blue (92%)



- Cyan (21%)
- Magenta (12%)
- Yellow (0%)
- Black (8%)



- Cyan (27%)
- Magenta (19%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9CFEB 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 B9CFEB by changing the saturation by 10% instead.



 B9CFEB

 B9CFEB

FFFFFF

 9EB4CF

 F2FFFF

 8399B3

 697F98

 50667E

 384E65

 21374D

 072236

 000B21

 000007

 B9CFEB

 B9CFEB

 A2C2EB

 D1DCEB

 8AB5EB

 E8E9EB

 73A8EB

 FFF6EB

 5B9AEB

 FFFFEB

 448DEB

 2C80EB

 1573EB

 0067EB

# Harmonies

## Analogous

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



AAD3E5



B9CFEB



CDCAE9

# Triad

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



B9CFEB



EEC3C1



BAD4BB

# Complementary

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



B9CFEB



EBD5B9

# 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.



CBD0B1



B9CFEB



E8C6B4

# Square

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



B9CFEB



EAC3D0



DCCBAF



ACD6CA

# Rectangle

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



B9CFEB



D9C7E3



DCCBAF



BFD3B7



# Sweetspot

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



B9CFEB



F0F6FF



B9EBD4



777B80



000000



808080

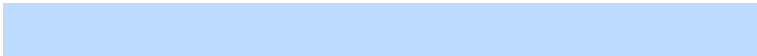


# Same Dimension

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



B9CFEB



BDDAFF



BCB9EB



6A6F75



0050B5



001836



# Inverse Universe

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



EBB9CF



FFBDDA



E9EBB9



756A6F



B50050

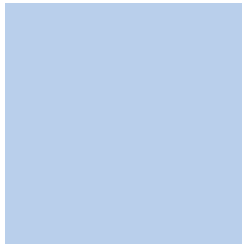


360018



# Previews

## White Background



This preview shows how the Hex color B9CFEB looks on a white background.

## Color Contrast Check

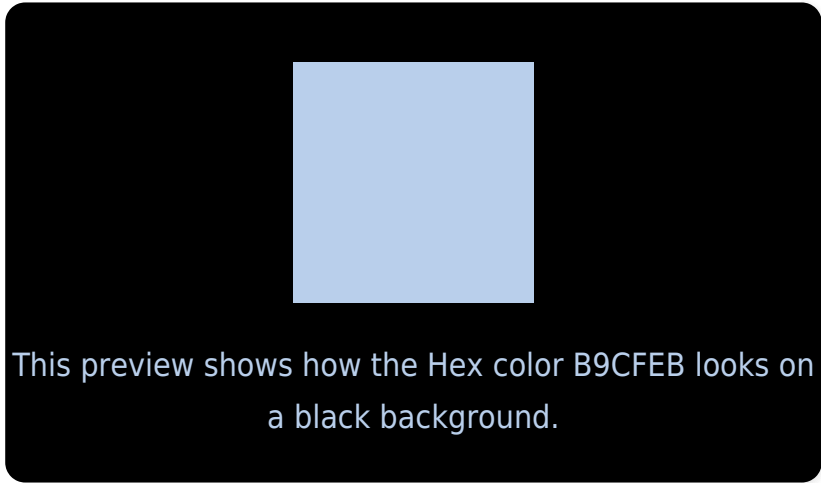
Large Text (above 18pt) WCAG AA × Fail

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

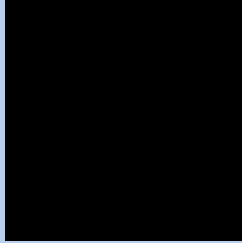
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

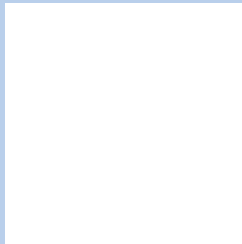
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B9CFEB Background



This preview shows how black text looks on a background with the Hex color B9CFEB.

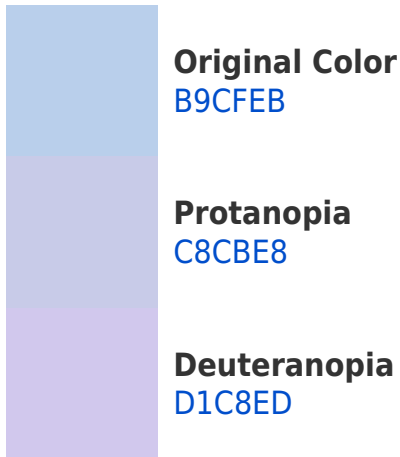


This preview shows how white text looks on a background with the Hex color B9CFEB.

# 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



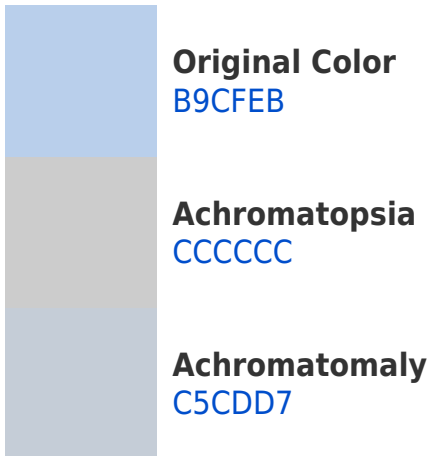


**Tritanopia**  
B7D1E1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9CFEB 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 #B9CFEB looks like.

```
.text, #text, p{  
    color:#B9CFEB  
}
```

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 #B9CFEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9CFEB
}
```

## Border

The CSS property to change the border of an element to Hex B9CFEB 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
#B9CFEB }
```

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

```
.border{ border-color:#B9CFEB }
```

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

Here you see how a box with a 4 pixel #B9CFEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9CFEB; -webkit-box-shadow:4px 4px  
4px 4px #B9CFEB; box-shadow:4px 4px 4px  
4px #B9CFEB }
```

# Background

The CSS property to change the background color of an element to Hex B9CFEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9CFEB }
```

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

```
.background{ background-color:#B9CFEB }
```

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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