

# Converting Colors

Hex(B9EBC0)

Have a look what the booklet for  
Hex(B9EBC0) contains.

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# **Color**

**Hex(B9EBC0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9EBC0
RGB	185, 235, 192
RGB Percent	73%, 92%, 75%
CMY	0.2745, 0.0784, 0.2471
CMYK	0.21, 0.00, 0.18, 0.08
HSL	128°, 56%, 82%
HSV	128°, 21%, 92%
XYZ	59.2303, 73.5367, 60.9414
YIQ	215.1480, -15.9970, -23.9730

# Conversions

## Conversions Part 2

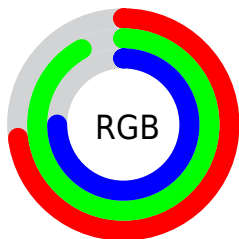
Format	Color
<a href="#">RYB</a>	<a href="#">185, 229, 235</a>
Decimal	<a href="#">12184512</a>
CIELab	<a href="#">88.70, -24.23, 15.70</a>
CIELCh	<a href="#">89, 28.873, 147.057</a>
Yxy	<a href="#">73.5367, 0.3058, 0.3796</a>
Android (android.graphics.Color)	<a href="#">4290374592</a> ( <a href="#">0xFFB9EBC0</a> )
YUV	<a href="#">215.1480, -11.4120, -26.4398</a>
Hunter-Lab	<a href="#">85.7536, -26.7780, 17.8926</a>

# Details

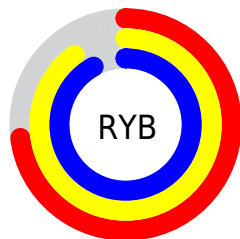
The Hex color **B9EBC0** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **EBB9E4**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **F2FFF8**, and **83B38A** is the 20% darker color. If you saturate the color by 10%, you get **A2EBAC**, and if you desaturate by 10%, it is **D1EBD4**.

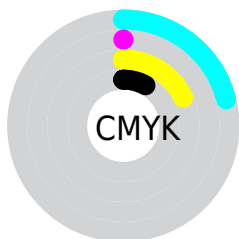
# Distribution



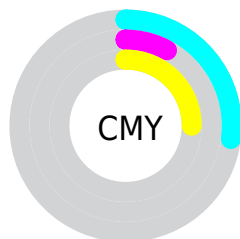
- Red (73%)
- Green (92%)
- Blue (75%)



- Red (73%)
- Yellow (90%)
- Blue (92%)



- Cyan (21%)
- Magenta (0%)
- Yellow (18%)
- Black (8%)



- Cyan (27%)
- Magenta (8%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9EBC0 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 B9EBC0 by changing the saturation by 10% instead.



 B9EBC0

 B9EBC0

FFFFFF

 9ECFA5

 F2FFF8

 83B38A

 699871

 507E58

 386541

 204D2A

 053515

 002100

 000000

 B9EBC0

 B9EBC0

 A2EBAC

 D1EBD4

 8AEB98

 E8EBE8

 73EB83

 FFEBFD

 5BEB6F

 FFEBFF

 44EB5B

 2CEB47

 15EB33

 00EB21

# Harmonies

## Analogous

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



D9E5AD



B9EBC0



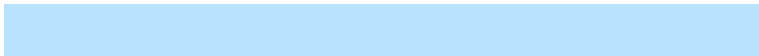
9DEEDB

# Triad

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



B9EBC0



BAE2FF



FFCC7

# Complementary

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



B9EBC0



EBB9E4

# 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.



FFCBE2



B9EBC0



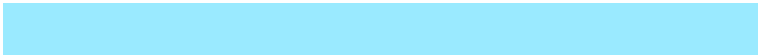
E0D9FF

# Square

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



B9EBC0



9AEAFF



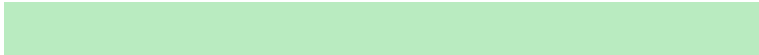
FFD0FD



FFD3B1

# Rectangle

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



**B9EBC0**



**92EEEE**



**FFD0FD**



**FFCBD0**



# Sweetspot

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



B9EBC0



F0FFF2



E4EBB9



778078



000000



808080

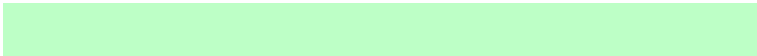


# Same Dimension

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



B9EBC0



BDFFC6



B9EBD9



6A756B



00B519



003607



# Inverse Universe

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



EBB9E4



FFBDF6



EBB9CB



756A74



B5009C

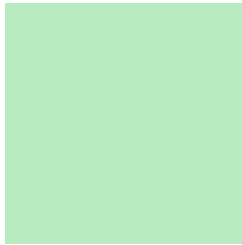


36002E



# Previews

## White Background



This preview shows how the Hex color B9EBC0 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 B9EBC0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

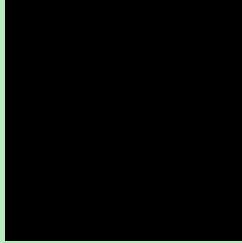
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

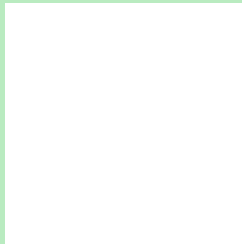
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B9EBC0 Background



This preview shows how black text looks on a background with the Hex color B9EBC0.

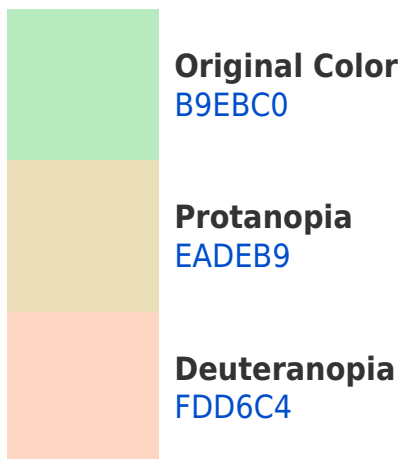


This preview shows how white text looks on a background with the Hex color B9EBC0.

# 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



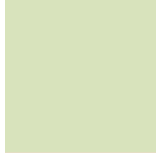


**Tritanopia**  
C2E4F6

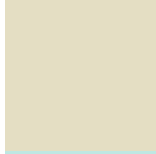
# Trichromacy



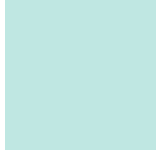
**Original Color**  
B9EBC0



**Protanomaly**  
D8E3BC



**Deuteranomaly**  
E4DEC3

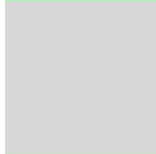


**Tritanomaly**  
BFE7E2

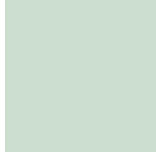
# Monochromacy



**Original Color**  
B9EBC0



**Achromatopsia**  
D7D7D7



**Achromatomaly**  
CCDECF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9EBC0 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 #B9EBC0 looks like.

```
.text, #text, p{  
    color:#B9EBC0  
}
```

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 #B9EBC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9EBC0  
}
```

## Border

The CSS property to change the border of an element to Hex B9EBC0 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  
#B9EBC0 }
```

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

```
.border{ border-color:#B9EBC0 }
```

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

Here you see how a box with a 4 pixel #B9EBC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9EBC0; -webkit-box-shadow:4px 4px  
4px 4px #B9EBC0; box-shadow:4px 4px 4px  
4px #B9EBC0 }
```

# Background

The CSS property to change the background color of an element to Hex B9EBC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9EBC0 }
```

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

```
.background{ background-color:#B9EBC0 }
```

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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