

# Converting Colors

Hex(B9EFAD)

Have a look what the booklet for  
Hex(B9EFAD) contains.

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# **Color**

**Hex(B9EFAD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9EFAD
RGB	185, 239, 173
RGB Percent	73%, 94%, 68%
CMY	0.2745, 0.0627, 0.3216
CMYK	0.23, 0.00, 0.28, 0.06
HSL	109°, 67%, 81%
HSV	109°, 28%, 94%
XYZ	58.4169, 75.0644, 50.9451
YIQ	215.3300, -10.9980, -31.9740

# Conversions

## Conversions Part 2

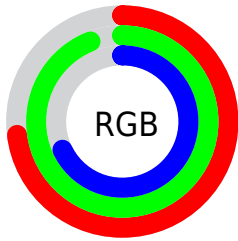
Format	Color
<a href="#">RYB</a>	<a href="#">173, 239, 227</a>
Decimal	<a href="#">12185517</a>
CIELab	<a href="#">89.42, -29.30, 26.50</a>
CIELCh	<a href="#">89, 39.503, 137.873</a>
Yxy	<a href="#">75.0644, 0.3167, 0.4070</a>
Android (android.graphics.Color)	<a href="#">4290375597</a> ( <a href="#">0xFFB9EFAD</a> )
YUV	<a href="#">215.3300, -20.8687, -26.5994</a>
Hunter-Lab	<a href="#">86.6397, -31.2657, 25.7846</a>

# Details

The Hex color **B9EFAD** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **E3ADEF**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **F2FFE5**, and **83B778** is the 20% darker color. If you saturate the color by 10%, you get **A5EF95**, and if you desaturate by 10%, it is **CDEF C5**.

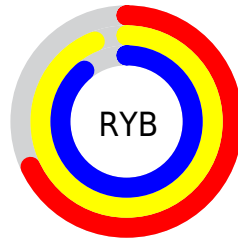
# Distribution



Red (73%)

Green (94%)

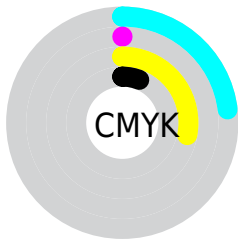
Blue (68%)



Red (68%)

Yellow (94%)

Blue (89%)

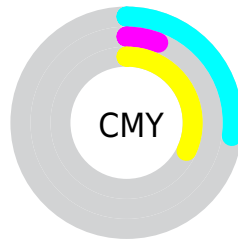


Cyan (23%)

Magenta (0%)

Yellow (28%)

Black (6%)



Cyan (27%)

Magenta (6%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9EFAD 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 B9EFAD by changing the saturation by 10% instead.



 B9EFAD

 B9EFAD

FFFFFF

 9DD392

 F2FFE5

 83B778

 699C5F

 4F8147

 366830

 1D5019

 003801

 002300

 000000

 B9EFAD

 B9EFAD

 A5EF95

 CDEF C5

 92EF7D

 E0EFDD

 7EEF65

 F4EFF5

 6BEF4D

 FFEFFF

 57EF36

 44EF1E

 30EF06

 2BEF00

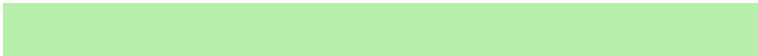
# Harmonies

## Analogous

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



E4E698



B9EFAD



8CF4D0

# Triad

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



B9EFAD



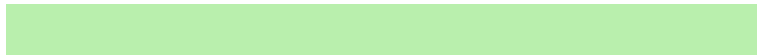
97E9FF



FFC5CB

# Complementary

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



B9EFAD



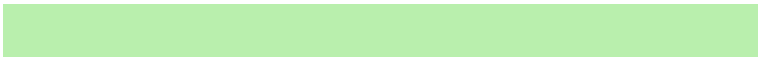
E3ADEF

# 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.



FFC6F2



B9EFAD



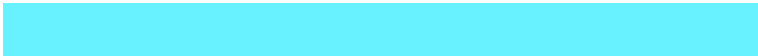
D0DDFF

# Square

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



B9EFAD



68F2FF



FFCFFF



FFCDAA

# Rectangle

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



B9EFAD



71F6EA



FFCFFF

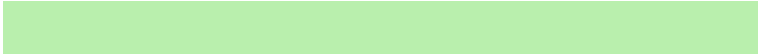


FFC4D8



# Sweetspot

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



B9EFAD



EEFFEB



EFE3AD



758073



000000

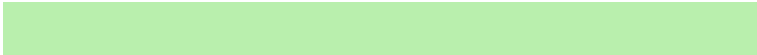


808080

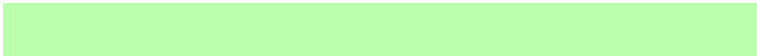


# Same Dimension

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



B9EFAD



BAFFAB



ADEFC2



6E786C



21B800



0A3800



# Inverse Universe

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



E3ADEF



F0ABFF



EFADDA



766C78



9600B8



2E0038



# Previews

## White Background



This preview shows how the Hex color B9EFAD looks on a white background.

## Color Contrast Check

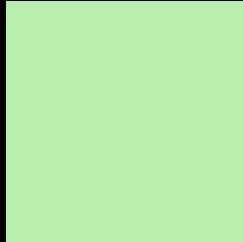
Large Text (above 18pt) WCAG AA × Fail

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 B9EFAD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

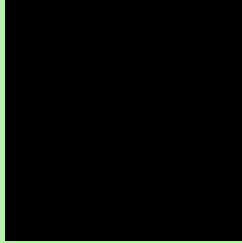
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B9EFAD Background



This preview shows how black text looks on a background with the Hex color B9EFAD.

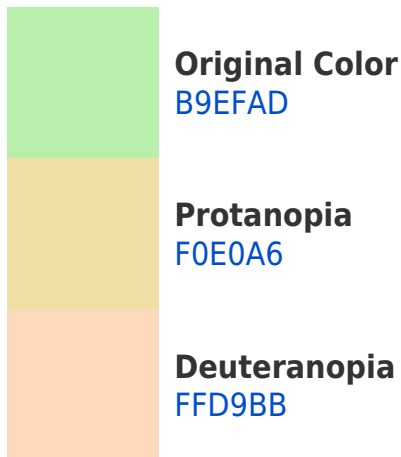


This preview shows how white text looks on a background with the Hex color B9EFAD.

# 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**  
C5E5F8

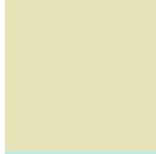
# Trichromacy



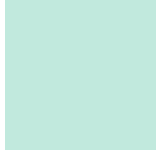
**Original Color**  
B9EFAD



**Protanomaly**  
DCE5A9



**Deuteranomaly**  
E6E1B6

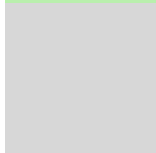


**Tritanomaly**  
C1E9DD

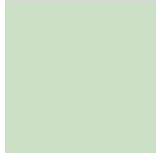
# Monochromacy



**Original Color**  
B9EFAD



**Achromatopsia**  
D7D7D7



**Achromatomaly**  
CCE0C8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9EFAD 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 #B9EFAD looks like.

```
.text, #text, p{  
    color:#B9EFAD  
}
```

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 #B9EFAD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9EFAD
}
```

## Border

The CSS property to change the border of an element to Hex B9EFAD 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
#B9EFAD }
```

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

```
.border{ border-color:#B9EFAD }
```

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

Here you see how a box with a 4 pixel #B9EFAD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9EFAD; -webkit-box-shadow:4px 4px  
4px 4px #B9EFAD; box-shadow:4px 4px 4px  
4px #B9EFAD }
```

# Background

The CSS property to change the background color of an element to Hex B9EFAD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9EFAD }
```

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

```
.background{ background-color:#B9EFAD }
```

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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