

# Converting Colors

Hex(B9E999)

Have a look what the booklet for  
Hex(B9E999) contains.

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**Color**

**Hex(B9E999)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">B9E999</a>
RGB	<a href="#">185, 233, 153</a>
RGB Percent	<a href="#">73%, 91%, 60%</a>
CMY	<a href="#">0.2745, 0.0863, 0.4000</a>
CMYK	<a href="#">0.21, 0.00, 0.34, 0.09</a>
HSL	<a href="#">96°, 65%, 76%</a>
HSV	<a href="#">96°, 34%, 91%</a>
XYZ	<a href="#">54.8963, 70.8920, 40.9272</a>
YIQ	<a href="#">209.5280, -2.9280, -35.0560</a>

# Conversions

## Conversions Part 2

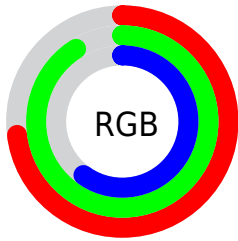
Format	Color
<a href="#">RYB</a>	<a href="#">153, 233, 201</a>
Decimal	<a href="#">12183961</a>
CIELab	<a href="#">87.43, -29.44, 33.99</a>
CIELCh	<a href="#">87, 44.967, 130.889</a>
Yxy	<a href="#">70.8920, 0.3293, 0.4252</a>
Android (android.graphics.Color)	<a href="#">4290374041 (0xFFB9E999)</a>
YUV	<a href="#">209.5280, -27.8683, -21.5111</a>
Hunter-Lab	<a href="#">84.1974, -30.9644, 30.1181</a>

# Details

The Hex color **B9E999** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **C999E9**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **F2FFD0**, and **83B165** is the 20% darker color. If you saturate the color by 10%, you get **ABE982**, and if you desaturate by 10%, it is **C7E9B0**.

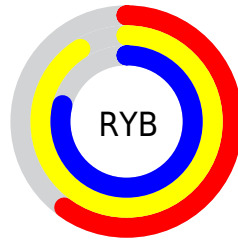
# Distribution



Red (73%)

Green (91%)

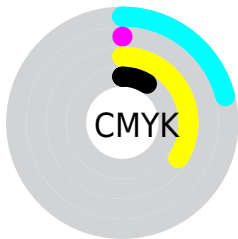
Blue (60%)



Red (60%)

Yellow (91%)

Blue (79%)

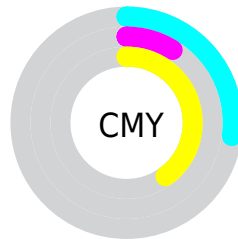


Cyan (21%)

Magenta (0%)

Yellow (34%)

Black (9%)



Cyan (27%)

Magenta (9%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9E999 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 B9E999 by changing the saturation by 10% instead.



 B9E999

 B9E999

FFFFFF

 9DCD7F

 F2FFD0

 83B165


 FFFFEC

 68964C

 4F7C34

 35631C

 1C4B03

 013400

 002000

 000000

 B9E999

 B9E999

 ABE982

 C7E9B0

 9DE96A

 D5E9C8

 8FE953

 E3E9DF

 81E93C

 F1E9F6

 73E925

 FFE9FF

 65E90D

 5DE900

# Harmonies

## Analogous

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



E8DE86



B9E999



84F0BE

# Triad

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



B9E999



6DE7FF



FFBACD

# Complementary

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



B9E999



C999E9

# Split Complementary

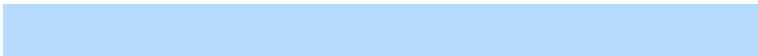
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFBEF8



B9E999



B7DAFF

# Square

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



B9E999



2AEFFF



F4CAFF



FFC1A5

# Rectangle

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



B9E999



5CF2DB



F4CAFF



FFBADB



# Sweetspot

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



B9E999



F0FFE6



E9C999



768070



000000



808080

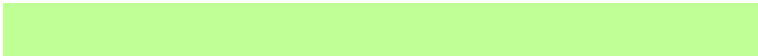


# Same Dimension

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



B9E999



C0FF96



99E9A1



6E756A



48B500



153600



# Inverse Universe

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



C999E9



D596FF



E999E1



716A75



6D00B5

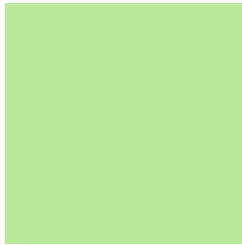


200036



# Previews

## White Background



This preview shows how the Hex color B9E999 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 B9E999 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 B9E999 Background



This preview shows how black text looks on a background with the Hex color B9E999.

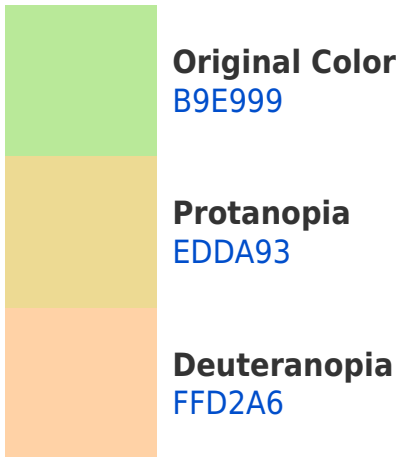


This preview shows how white text looks on a background with the Hex color B9E999.

# 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](#).

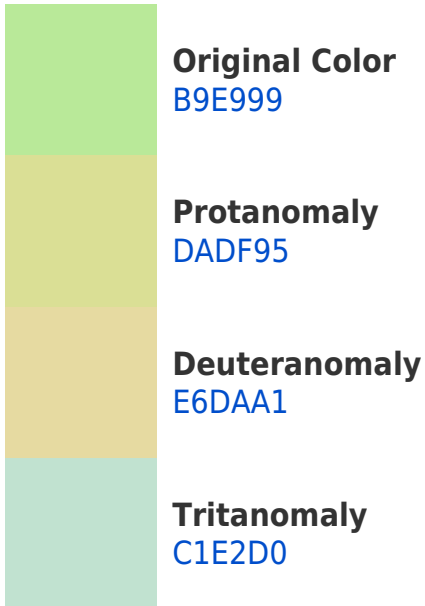
## Dichromacy



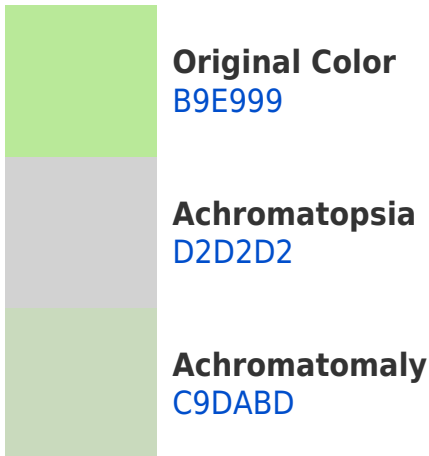


**Tritanopia**  
C6DEF0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9E999 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 #B9E999 looks like.

```
.text, #text, p{  
    color:#B9E999  
}
```

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 #B9E999 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9E999
}
```

## Border

The CSS property to change the border of an element to Hex B9E999 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
#B9E999 }
```

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

```
.border{ border-color:#B9E999 }
```

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

Here you see how a box with a 4 pixel #B9E999 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9E999; -webkit-box-shadow:4px 4px  
4px 4px #B9E999; box-shadow:4px 4px 4px  
4px #B9E999 }
```

# Background

The CSS property to change the background color of an element to Hex B9E999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9E999 }
```

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

```
.background{ background-color:#B9E999 }
```

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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