

# Converting Colors

Hex(B9CEA6)

Have a look what the booklet for  
Hex(B9CEA6) contains.

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# **Color**

**Hex(B9CEA6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9CEA6
RGB	185, 206, 166
RGB Percent	73%, 81%, 65%
CMY	0.2745, 0.1922, 0.3490
CMYK	0.10, 0.00, 0.19, 0.19
HSL	92°, 29%, 73%
HSV	92°, 19%, 81%
XYZ	48.9618, 57.2101, 44.5385
YIQ	195.1610, 0.3240, -16.8920

# Conversions

## Conversions Part 2

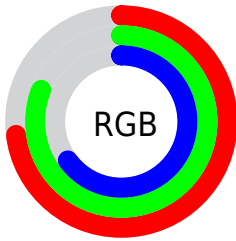
Format	Color
<a href="#">RYB</a>	<a href="#">166, 206, 187</a>
Decimal	<a href="#">12177062</a>
<a href="#">CIELab</a>	<a href="#">80.30, -14.26, 17.57</a>
<a href="#">CIElCh</a>	<a href="#">80, 22.627, 129.073</a>
<a href="#">Yxy</a>	<a href="#">57.2101, 0.3249, 0.3796</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4290367142 (0xFFB9CEA6)</a>
<a href="#">YUV</a>	<a href="#">195.1610, -14.3764, -8.9112</a>
<a href="#">Hunter-Lab</a>	<a href="#">75.6373, -16.8181, 18.0337</a>

# Details

The Hex color **B9CEA6** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **BBA6CE**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **F1FFDD**, and **849872** is the 20% darker color. If you saturate the color by 10%, you get **AECE91**, and if you desaturate by 10%, it is **C4CEBB**.

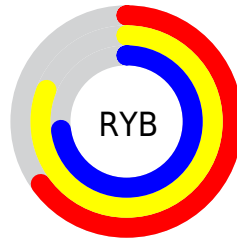
# Distribution



Red (73%)

Green (81%)

Blue (65%)



Red (65%)

Yellow (81%)

Blue (73%)

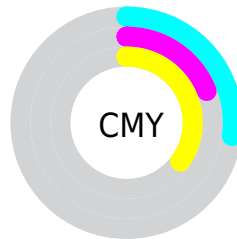


Cyan (10%)

Magenta (0%)

Yellow (19%)

Black (19%)



Cyan (27%)

Magenta (19%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9CEA6 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 B9CEA6 by changing the saturation by 10% instead.



 B9CEA6

 B9CEA6

FFFFFF

 9EB28C

 F1FFDD

 849872

 FFFFAA

 6A7E59

 526542

 3A4D2B

 243616

 122000

 000200

 000000

 B9CEA6

 B9CEA6

 AECE91

 C4CEBB

 A3CE7D

 CFCECF

 99CE68

 D9CEE4

 8ECE54

 E4CEF8

 83CE3F

 EFCEFF

 78CE2A

 FACEFF

 6DCE16

 FFCEFF

 62CE01

 62CE00

# Harmonies

## Analogous

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



D1C89E



B9CEA6



A2D2B7

# Triad

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



B9CEA6



9DCDEE



F2B8C1

# Complementary

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



B9CEA6



BBA6CE

# 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.



E8BAD7



B9CEA6



B7C7F1

# Square

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



B9CEA6



8ED2E1



D3C0E8



F1BBAD

# Rectangle

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



B9CEA6



95D3C6



D3C0E8



F0B8C9



# Sweetspot

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



B9CEA6



F7FFF0



CEBBA6



7B8077



000000



808080

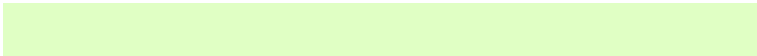


# Same Dimension

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



B9CEA6



E0FFC4



A6CEA7



61665C



4FA600



122600



# Inverse Universe

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



BBA6CE



E3C4FF



CEA6CD



615C66



5700A6

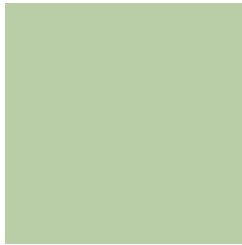


140026



# Previews

## White Background



This preview shows how the Hex color B9CEA6 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 B9CEA6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

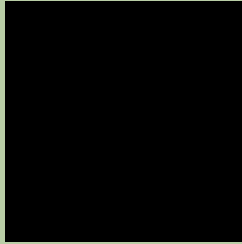
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B9CEA6 Background



This preview shows how black text looks on a background with the Hex color B9CEA6.

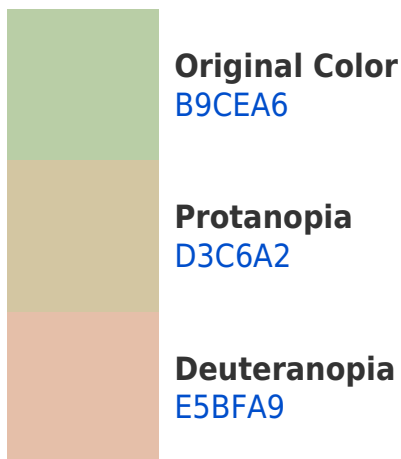


This preview shows how white text looks on a background with the Hex color B9CEA6.

# 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](#).

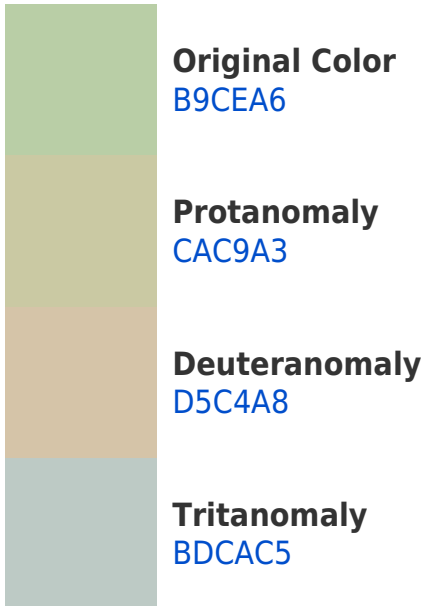
## Dichromacy



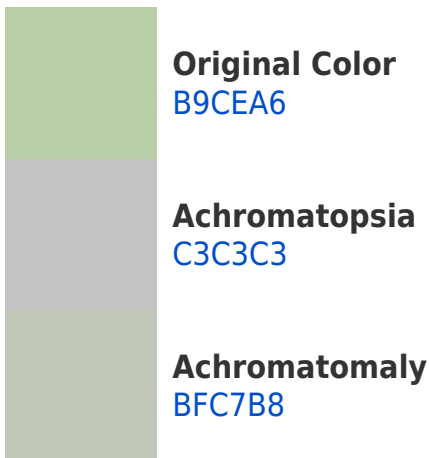


**Tritanopia**  
C0C7D7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9CEA6 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 #B9CEA6 looks like.

```
.text, #text, p{  
    color:#B9CEA6  
}
```

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 #B9CEA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9CEA6
}
```

## Border

The CSS property to change the border of an element to Hex B9CEA6 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
#B9CEA6 }
```

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

```
.border{ border-color:#B9CEA6 }
```

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

Here you see how a box with a 4 pixel #B9CEA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9CEA6; -webkit-box-shadow:4px 4px  
4px 4px #B9CEA6; box-shadow:4px 4px 4px  
4px #B9CEA6 }
```

# Background

The CSS property to change the background color of an element to Hex B9CEA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9CEA6 }
```

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

```
.background{ background-color:#B9CEA6 }
```

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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