

# Converting Colors

Hex(B8CE96)

Have a look what the booklet for  
Hex(B8CE96) contains.

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# **Color**

**Hex(B8CE96)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B8CE96
RGB	184, 206, 150
RGB Percent	72%, 81%, 59%
CMY	0.2784, 0.1922, 0.4118
CMYK	0.11, 0.00, 0.27, 0.19
HSL	84°, 36%, 70%
HSV	84°, 27%, 81%
XYZ	47.3435, 56.5350, 37.2712
YIQ	193.0380, 4.8640, -22.0800

# Conversions

## Conversions Part 2

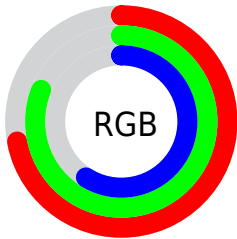
<b>Format</b>	<b>Color</b>
<b>RYB</b>	150, 206, 172
Decimal	12111510
CIELab	79.92, -17.09, 25.47
CIELCh	80, 30.671, 123.859
Yxy	56.5350, 0.3354, 0.4005
Android (android.graphics.Color)	4290301590 (0xFFB8CE96)
YUV	193.0380, -21.2177, -7.9263
Hunter-Lab	75.1897, -19.1889, 23.2430

# Details

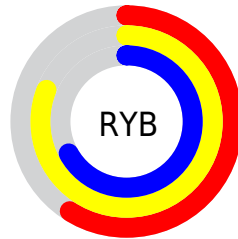
The Hex color **B8CE96** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **AC96CE**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **F0FFCC**, and **829863** is the 20% darker color. If you saturate the color by 10%, you get **B0CE81**, and if you desaturate by 10%, it is **COCEAB**.

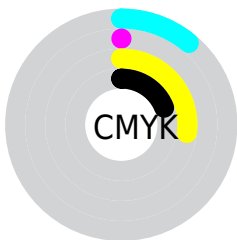
# Distribution



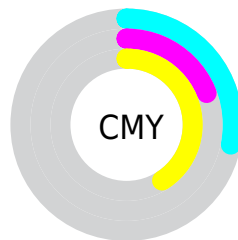
- Red (72%)
- Green (81%)
- Blue (59%)



- Red (59%)
- Yellow (81%)
- Blue (67%)



- Cyan (11%)
- Magenta (0%)
- Yellow (27%)
- Black (19%)



- Cyan (28%)
- Magenta (19%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B8CE96 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 B8CE96 by changing the saturation by 10% instead.





B8CE96



B8CE96

FFFFFF



9DB27C



F0FFCC



829863



FFFFE9



697E4A



506533



384D1D



223605



0A2100



000000



B8CE96



B8CE96

 B0CE81

 C0CEAB

 A8CE6D

 C8CEBF

 A0CE58

 D0CED4

 98CE44

 D8CEE8

 90CE2F

 E0CEFD

 87CE1A

 E9CEFF

 7FCE06

 F1CEFF

 7DCE00

 F9CEFF

 FFCEFF

# Harmonies

## Analogous

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



D7C58D



B8CE96



97D4AC

# Triad

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



B8CE96



81D0F9



FEB1C3

# Complementary

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



B8CE96



AC96CE

# 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.



EEB5E0



B8CE96



A7C8FF

# Square

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



B8CE96



6FD5E5



CFBDF6



FEB4A8

# Rectangle

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



B8CE96



83D6BF



CFBDF6



FBB2CD



# Sweetspot

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



B8CE96



F7FFEB



CEAB96



7A8073



000000



808080

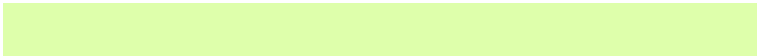


# Same Dimension

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



B8CE96



DEFFAB



9DCE96



62665C



65A600



172600



# Inverse Universe

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



AC96CE



CCABFF



C796CE



605C66



4100A6



0F0026



# Previews

## White Background



This preview shows how the Hex color B8CE96 looks on a white background.

## Color Contrast Check

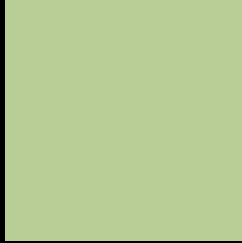
Large Text (above 18pt) WCAG AA × Fail

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 B8CE96 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

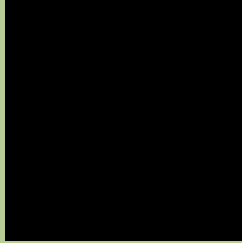
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B8CE96 Background



This preview shows how black text looks on a background with the Hex color B8CE96.

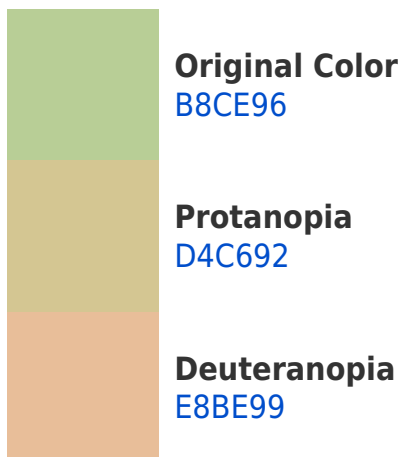


This preview shows how white text looks on a background with the Hex color B8CE96.

# 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](#).

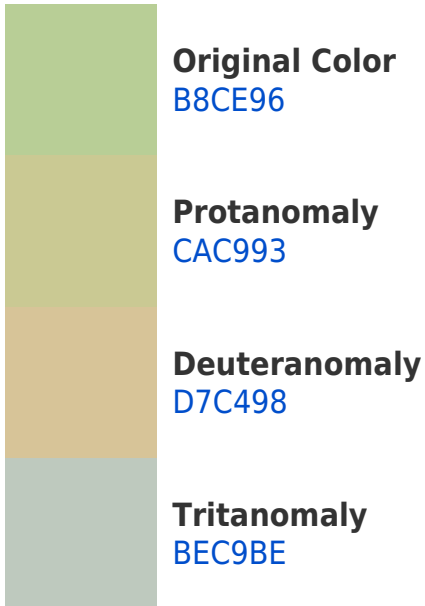
## Dichromacy





**Tritanopia**  
C1C6D5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B8CE96 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 #B8CE96 looks like.

```
.text, #text, p{  
    color:#B8CE96  
}
```

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 #B8CE96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8CE96
}
```

## Border

The CSS property to change the border of an element to Hex B8CE96 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
#B8CE96 }
```

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

```
.border{ border-color:#B8CE96 }
```

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

Here you see how a box with a 4 pixel #B8CE96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8CE96; -webkit-box-shadow:4px 4px  
4px 4px #B8CE96; box-shadow:4px 4px 4px  
4px #B8CE96 }
```

# Background

The CSS property to change the background color of an element to Hex B8CE96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8CE96 }
```

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

```
.background{ background-color:#B8CE96 }
```

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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