

# Converting Colors

Hex(B7CF AF)

Have a look what the booklet for  
Hex(B7CF AF) contains.

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# **Color**

**Hex(B7CFAF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7CFAF
RGB	183, 207, 175
RGB Percent	72%, 81%, 69%
CMY	0.2824, 0.1882, 0.3137
CMYK	0.12, 0.00, 0.15, 0.19
HSL	105°, 25%, 75%
HSV	105°, 15%, 81%
XYZ	49.5791, 57.7881, 49.0986
YIQ	196.1760, -4.0320, -15.0400

# Conversions

## Conversions Part 2

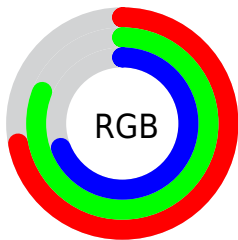
Format	Color
<a href="#">RYB</a>	<a href="#">175, 207, 199</a>
Decimal	<a href="#">12046255</a>
CIELab	<a href="#">80.62, -13.98, 13.22</a>
CIELCh	<a href="#">81, 19.239, 136.595</a>
Yxy	<a href="#">57.7881, 0.3169, 0.3693</a>
Android (android.graphics.Color)	<a href="#">4290236335 (0xFFB7CFAF)</a>
YUV	<a href="#">196.1760, -10.4398, -11.5554</a>
Hunter-Lab	<a href="#">76.0185, -16.6149, 14.9189</a>

# Details

The Hex color **B7CFAF** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **C7AFCF**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **EFFFE7**, and **82997A** is the 20% darker color. If you saturate the color by 10%, you get **A7CF9A**, and if you desaturate by 10%, it is **C7CFC4**.

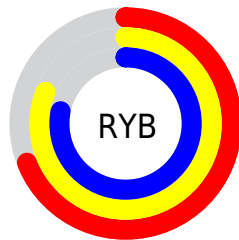
# Distribution



Red (72%)

Green (81%)

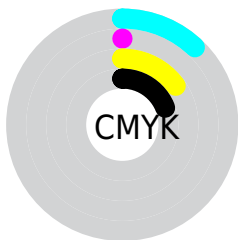
Blue (69%)



Red (69%)

Yellow (81%)

Blue (78%)

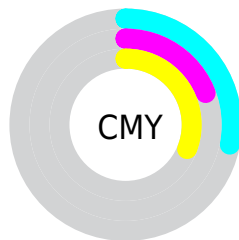


Cyan (12%)

Magenta (0%)

Yellow (15%)

Black (19%)



Cyan (28%)

Magenta (19%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7CF AF 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 B7CF AF by changing the saturation by 10% instead.



 B7CF AF

FFFFFF

 EFFFFE7

 B7CF AF

 9CB394

 82997A

 697F62

 50664A

 394E33

 23371E

 0F2106

 000400

 000000

 B7CFAF

 B7CFAF

 A7CF9A

 C7CFC4

 98CF86

 D6CFD8

 88CF71

 E6CFED

 79CF5C

 F5CFFF

 69CF48

 FFCFFF

 5ACF33

 4ACF1E

 3BCF09

 34CF00

# Harmonies

## Analogous

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



CCCAA6



B7CFAF



A4D2BF

# Triad

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



B7CFAF



AACCEB



EEBCBF

# Complementary

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



B7CFAF



C7AFCF

# 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.



E7BCD1



B7CFAF



C1C6EA

# Square

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



B7CFAF



9BD0E2



D7C0E1



EABFAF

# Rectangle

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



B7CFAF



9CD3CC



D7C0E1



EDBCC5



# Sweetspot

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



B7CFAF



F5FFF2



CFC7AF



7A8078



000000



808080

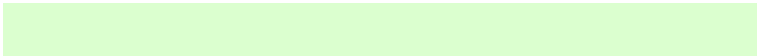


# Same Dimension

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



B7CFAF



DBFFCF



AFCFB7



61695E



2AA800



0A2900



# Inverse Universe

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



C7AFCF



F3CFFF



CFAFC7



665E69



7E00A8

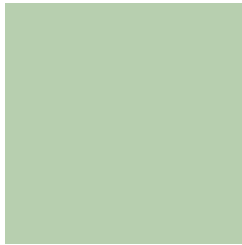


1F0029



# Previews

## White Background



This preview shows how the Hex color B7CF AF looks on a white background.

## Color Contrast Check

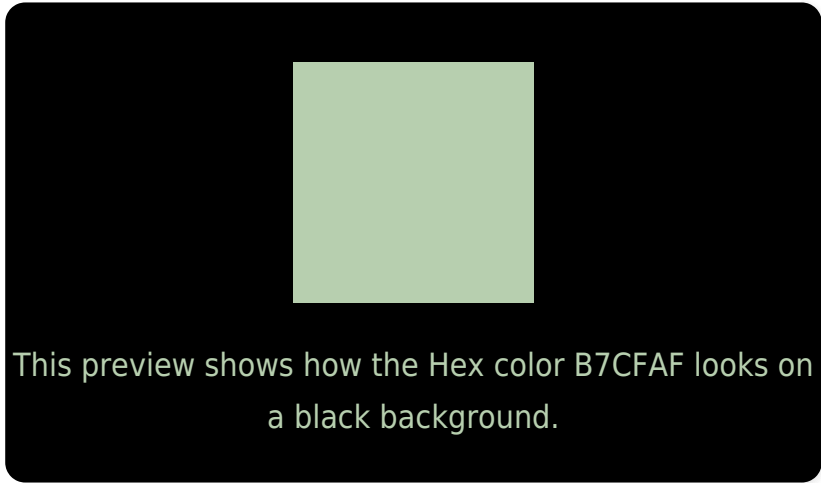
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

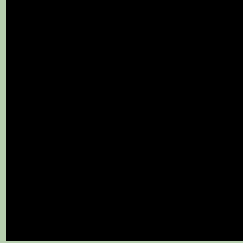
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B7CF AF Background



This preview shows how black text looks on a background with the Hex color B7CF AF.

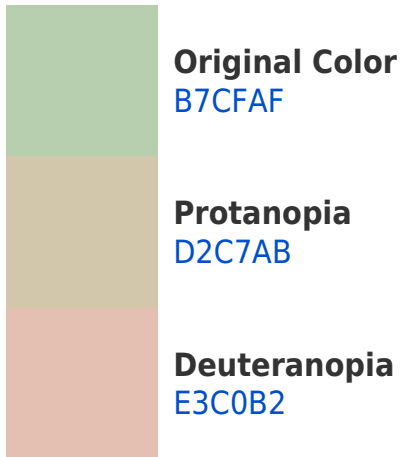


This preview shows how white text looks on a background with the Hex color B7CF AF.

# 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](#).

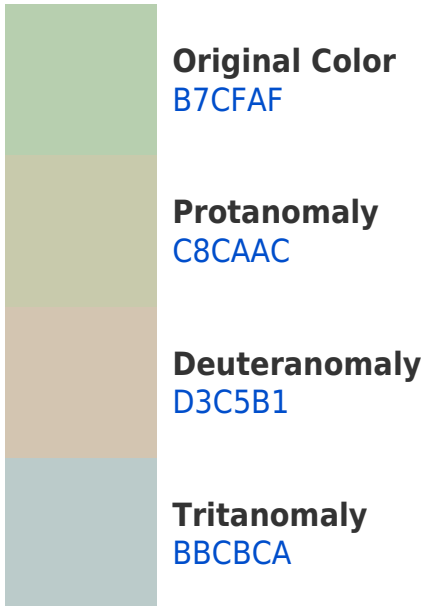
## Dichromacy





**Tritanopia**  
BEC9D9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7CF AF 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 #B7CF AF looks like.

```
.text, #text, p{  
    color:#B7CF AF  
}
```

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 #B7CF AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7CF AF
}
```

## Border

The CSS property to change the border of an element to Hex B7CF AF 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
#B7CF AF }
```

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

```
.border{ border-color:#B7CF AF }
```

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

Here you see how a box with a 4 pixel #B7CF AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7CF AF; -webkit-box-shadow:4px 4px  
4px 4px #B7CF AF; box-shadow:4px 4px 4px  
4px #B7CF AF }
```

# Background

The CSS property to change the background color of an element to Hex B7CF AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7CF AF }
```

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

```
.background{ background-color:#B7CF AF }
```

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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