

# Converting Colors

Hex(BCCFA9)

Have a look what the booklet for  
Hex(BCCFA9) contains.

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# **Color**

**Hex(BCCFA9)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | BCCFA9                     |
| RGB           | 188, 207, 169              |
| RGB Percent   | 74%, 81%, 66%              |
| CMY           | 0.2627, 0.1882, 0.3373     |
| CMYK          | 0.09, 0.00, 0.18, 0.19     |
| HSL           | 90°, 28%, 74%              |
| HSV           | 90°, 18%, 81%              |
| XYZ           | 50.2133, 58.1816, 46.1198  |
| YIQ           | 196.9870, 0.8740, -15.8460 |

# Conversions

## Conversions Part 2

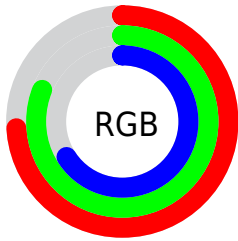
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 169, 207, 188                  |
| Decimal                             | 12373929                       |
| CIELab                              | 80.84, -13.21, 16.76           |
| CIELCh                              | 81, 21.344, 128.242            |
| Yxy                                 | 58.1816, 0.3250,<br>0.3765     |
| Android<br>(android.graphics.Color) | 4290564009<br>(0xFFBCCFA9)     |
| YUV                                 | 196.9870, -13.7976,<br>-7.8816 |
| Hunter-Lab                          | 76.2769, -15.9774,<br>17.5449  |

# Details

The Hex color **BCCFA9** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **BCA9CF**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **F4FFE0**, and **879975** is the 20% darker color. If you saturate the color by 10%, you get **B2CF94**, and if you desaturate by 10%, it is **C6CFBE**.

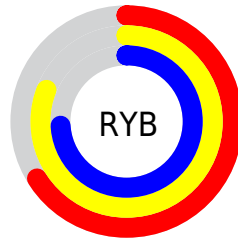
# Distribution



Red (74%)

Green (81%)

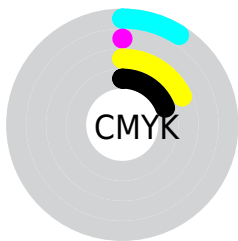
Blue (66%)



Red (66%)

Yellow (81%)

Blue (74%)

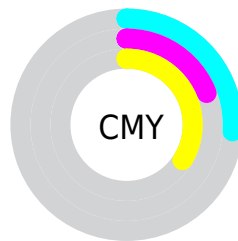


Cyan (9%)

Magenta (0%)

Yellow (18%)

Black (19%)



Cyan (26%)

Magenta (19%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BCCFA9 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 BCCFA9 by changing the saturation by 10% instead.



 BCCFA9

 BCCFA9

FFFFFF

 A1B38E

 F4FFE0

 879975

FFFFFFD

 6D7F5C

 546644

 3D4E2E

 273719

 142100

 000600

 000000

 BCCFA9

 BCCFA9

 B2CF94

 C6CFBE

 A7CF80

 D1CFD2

 9DCF6B

 DBCFE7

 93CF56

 E5CFFC

 88CF42

 F0CFFF

 7ECF2D

 FACFFF

 74CF18

 FFCFFF

 69CF03

 68CF00

# Harmonies

## Analogous

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



D3C9A1



BCCFA9



A6D3B9

# Triad

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



BCCFA9



A1CFED



F2BBC4

# Complementary

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



BCCFA9



BCA9CF

# 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.



E7BCD8



BCCFA9



B9C9F0

# Square

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



BCCFA9



93D3E1



D3C2E8



F1BDB1

# Rectangle

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



BCCFA9



9AD4C7



D3C2E8



EFBBCB

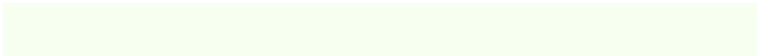


# Sweetspot

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



BCCFA9



F7FFF0



CFBCA9



7B8077



000000



808080

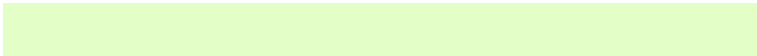


# Same Dimension

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



BCCFA9



E3FFC7



AACFA9



63695E



54A800



142900



# Inverse Universe

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



BCA9CF



E3C7FF



CFA9CF



635E69



5400A8



140029



# Previews

## White Background



This preview shows how the Hex color BCCFA9 looks on a white background.

## Color Contrast Check

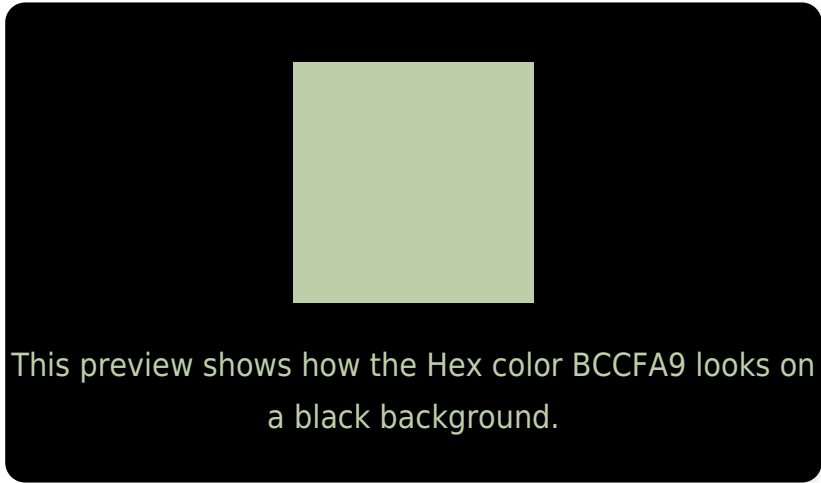
Large Text (above 18pt) WCAG AA × Fail

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

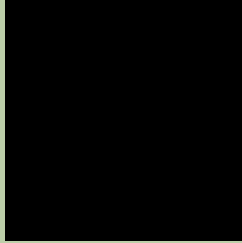
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

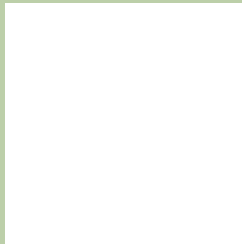
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BCCFA9 Background



This preview shows how black text looks on a background with the Hex color BCCFA9.

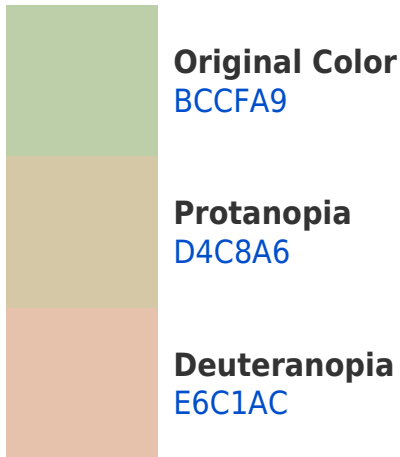


This preview shows how white text looks on a background with the Hex color BCCFA9.

# 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](#).

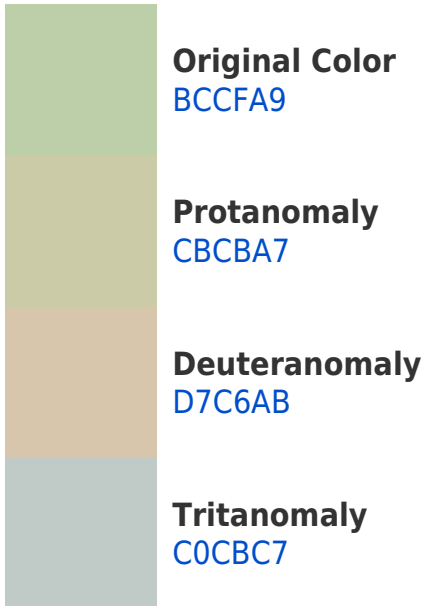
## Dichromacy



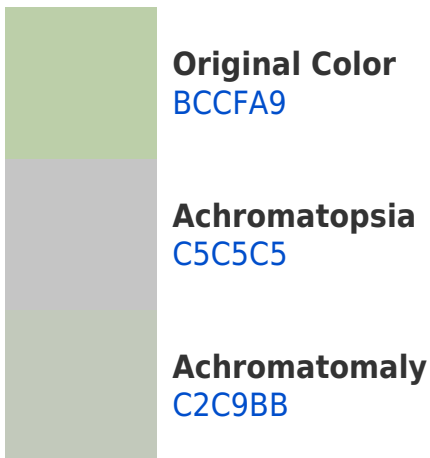


**Tritanopia**  
C3C8D8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BCCFA9 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 #BCCFA9 looks like.

```
.text, #text, p{  
    color:#BCCFA9  
}
```

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 #BCCFA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCCFA9
}
```

## Border

The CSS property to change the border of an element to Hex BCCFA9 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
#BCCFA9 }
```

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

```
.border{ border-color:#BCCFA9 }
```

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

Here you see how a box with a 4 pixel #BCCFA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCCFA9; -webkit-box-shadow:4px 4px  
4px 4px #BCCFA9; box-shadow:4px 4px 4px  
4px #BCCFA9 }
```

# Background

The CSS property to change the background color of an element to Hex BCCFA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCCFA9 }
```

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

```
.background{ background-color:#BCCFA9 }
```

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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