

# Converting Colors

Hex(B4CA97)

Have a look what the booklet for  
Hex(B4CA97) contains.

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# **Color**

**Hex(B4CA97)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B4CA97
RGB	180, 202, 151
RGB Percent	71%, 79%, 59%
CMY	0.2941, 0.2078, 0.4078
CMYK	0.11, 0.00, 0.25, 0.21
HSL	86°, 32%, 69%
HSV	86°, 25%, 79%
XYZ	45.5288, 54.1787, 37.3361
YIQ	189.6080, 3.2590, -20.5250

# Conversions

## Conversions Part 2

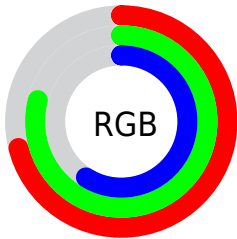
<b>Format</b>	<b>Color</b>
<b>RYB</b>	151, 202, 173
Decimal	11848343
CIELab	78.57, -16.39, 23.06
CIELCh	79, 28.291, 125.410
Yxy	54.1787, 0.3322, 0.3953
Android (android.graphics.Color)	4290038423 (0xFFB4CA97)
YUV	189.6080, -19.0337, -8.4262
Hunter-Lab	73.6062, -18.4003, 21.4500

# Details

The Hex color **B4CA97** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **AD97CA**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **ECFFCD**, and **7F9464** is the 20% darker color. If you saturate the color by 10%, you get **ABCA83**, and if you desaturate by 10%, it is **BDCAAB**.

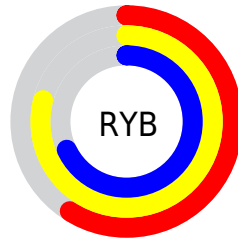
# Distribution



Red (71%)

Green (79%)

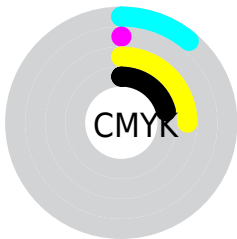
Blue (59%)



Red (59%)

Yellow (79%)

Blue (68%)

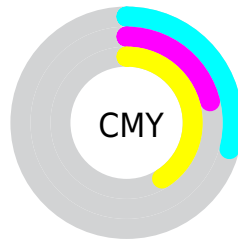


Cyan (11%)

Magenta (0%)

Yellow (25%)

Black (21%)



Cyan (29%)

Magenta (21%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4CA97 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 B4CA97 by changing the saturation by 10% instead.





B4CA97



B4CA97

FFFFFF



99AF7D



ECFFCD



7F9464



FFFFEA



657A4C



4D6134



35491E



1F3307



051E00



000000



B4CA97



B4CA97

 ABCA83

 BDCAAB

 A3CA6F

 C5CABF

 9ACA5A

 CECAD4

 91CA46

 D7CAE8

 88CA32

 E0CAFC

 80CA1E

 E8CAFF

 77CA0A

 F1CAFF

 73CA00

 FACAFF

 FFCAFF

# Harmonies

## Analogous

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



D1C28E



B4CA97



96CFAC

# Triad

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



B4CA97



86CBF1



F7AFBF

# Complementary

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



B4CA97



AD97CA

# 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.



E8B2D9



B4CA97



A9C3F6

# Square

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



B4CA97



75D0E0



CDBAED



F6B2A5

# Rectangle

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



B4CA97



84D1BD



CDBAED



F3B0C8

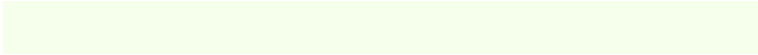


# Sweetspot

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



B4CA97



F6FFEB



CAAC97



7A8073



000000



808080

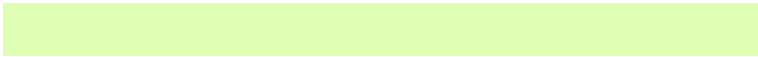


# Same Dimension

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



B4CA97



DEFFB3



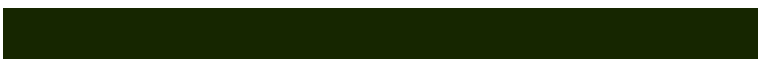
9BCA97



62665C



5EA600



162600



# Inverse Universe

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



AD97CA



D3B3FF



C697CA



605C66



4700A6



100026



# Previews

## White Background



This preview shows how the Hex color B4CA97 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 B4CA97 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

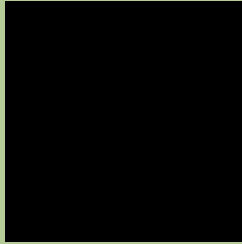
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B4CA97 Background



This preview shows how black text looks on a background with the Hex color B4CA97.

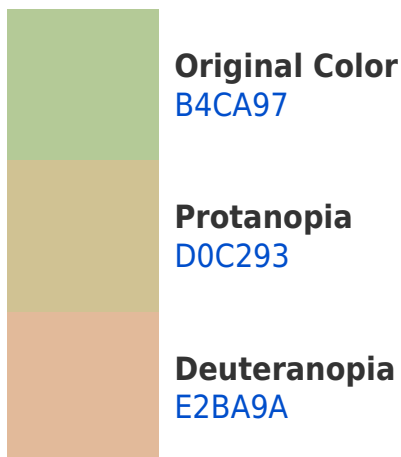


This preview shows how white text looks on a background with the Hex color B4CA97.

# Color Blindness Simulation

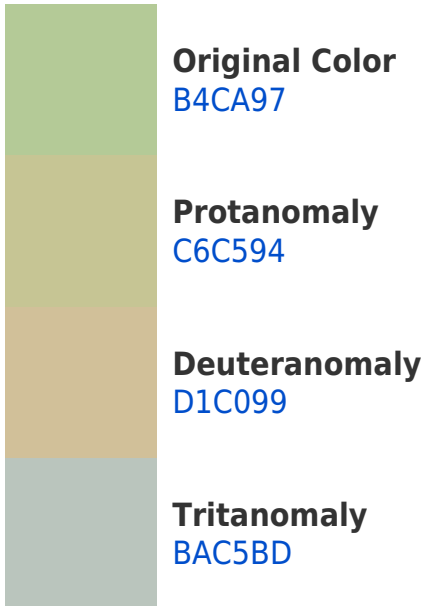
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

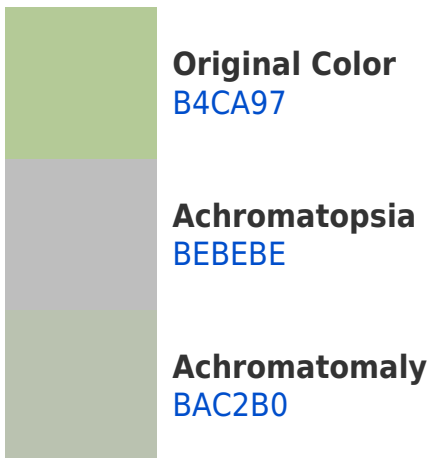




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4CA97 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 #B4CA97 looks like.

```
.text, #text, p{  
    color:#B4CA97  
}
```

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 #B4CA97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4CA97
}
```

## Border

The CSS property to change the border of an element to Hex B4CA97 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
#B4CA97 }
```

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

```
.border{ border-color:#B4CA97 }
```

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

Here you see how a box with a 4 pixel #B4CA97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4CA97; -webkit-box-shadow:4px 4px  
4px 4px #B4CA97; box-shadow:4px 4px 4px  
4px #B4CA97 }
```

# Background

The CSS property to change the background color of an element to Hex B4CA97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4CA97 }
```

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

```
.background{ background-color:#B4CA97 }
```

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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