

# Converting Colors

Hex(B9B784)

Have a look what the booklet for  
Hex(B9B784) contains.

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**Color**

**Hex(B9B784)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9B784
RGB	185, 183, 132
RGB Percent	73%, 72%, 52%
CMY	0.2745, 0.2824, 0.4824
CMYK	0.00, 0.01, 0.29, 0.27
HSL	58°, 27%, 62%
HSV	58°, 29%, 73%
XYZ	41.1059, 45.8472, 28.5127
YIQ	177.7840, 17.5630, -15.4370

# Conversions

## Conversions Part 2

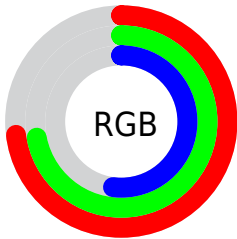
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 185, 132
Decimal	12171140
CIELab	73.45, -7.43, 26.26
CIELCh	73, 27.293, 105.793
Yxy	45.8472, 0.3560, 0.3971
Android (android.graphics.Color)	4290361220 (0xFFB9B784)
YUV	177.7840, -22.5715, 6.3284
Hunter-Lab	67.7106, -10.1292, 22.4306

# Details

The Hex color **B9B784** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **8486B9**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **F2EFB9**, and **838252** is the 20% darker color. If you saturate the color by 10%, you get **B9B672**, and if you desaturate by 10%, it is **B9B897**.

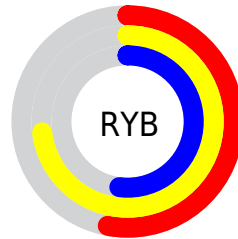
# Distribution



Red (73%)

Green (72%)

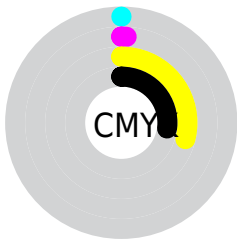
Blue (52%)



Red (53%)

Yellow (73%)

Blue (52%)

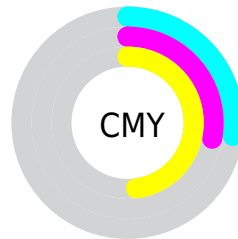


Cyan (0%)

Magenta (1%)

Yellow (29%)

Black (27%)



Cyan (27%)

Magenta (28%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9B784 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 B9B784 by changing the saturation by 10% instead.



 B9B784

 B9B784

FFFFFF

 9E9C6B


 F2EFB9

 838252

 FFFFD5

 69693A

 FFFFF2

 515124

 393A0E

 232500

 001100

 000000

 B9B784

 B9B784

 B9B672

 B9B897

 B9B65F

 B9B8A9

 B9B54D

 B9B9BC

 B9B43A

 B9BACE

 B9B428

 B9BAE1

 B9B315

 B9BBF3

 B9B203

 B9BCFF

 B9B200

 B9BDFE

# Harmonies

## Analogous

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



D1AF84



B9B784



9DBE91

# Triad

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



B9B784



6DC0D7



DFA3C1

# Complementary

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



B9B784



8486B9

# 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.



C8AAD7



B9B784



85BAE4

# Square

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



B9B784



6CC2C1



A8B2E4



E7A2A8

# Rectangle

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



B9B784



8AC19F



A8B2E4



D9A5C9



# Sweetspot

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



B9B784



F0EFDA



B98487



78776B



F7F7F7



787878



# Same Dimension

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



B9B784



F0ED9E



A1B984



5C5B53



9C9600



1C1B00



# Inverse Universe

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



8486B9



9EA1F0



9C84B9



53535C



00069C



00011C



# Previews

## White Background



This preview shows how the Hex color B9B784 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 B9B784 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

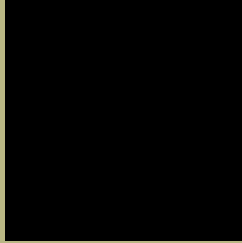
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B9B784 Background



This preview shows how black text looks on a background with the Hex color B9B784.

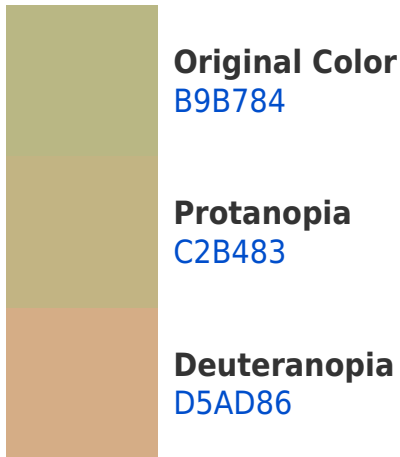


This preview shows how white text looks on a background with the Hex color B9B784.

# Color Blindness Simulation

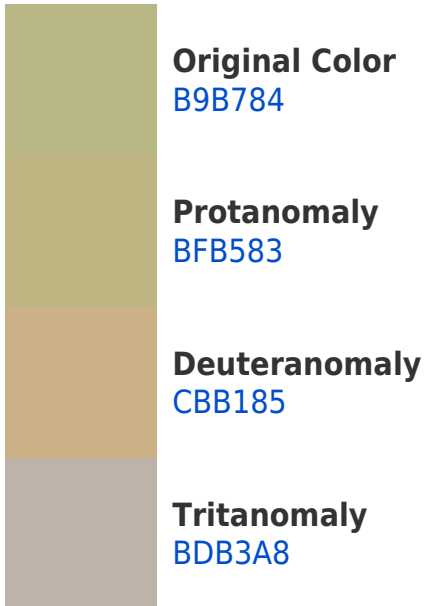
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

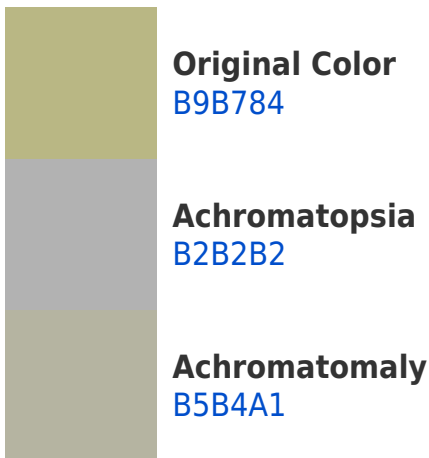




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9B784 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 #B9B784 looks like.

```
.text, #text, p{  
    color:#B9B784  
}
```

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 #B9B784 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9B784
}
```

## Border

The CSS property to change the border of an element to Hex B9B784 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
#B9B784 }
```

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

```
.border{ border-color:#B9B784 }
```

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

Here you see how a box with a 4 pixel #B9B784 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9B784; -webkit-box-shadow:4px 4px  
4px 4px #B9B784; box-shadow:4px 4px 4px  
4px #B9B784 }
```

# Background

The CSS property to change the background color of an element to Hex B9B784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9B784 }
```

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

```
.background{ background-color:#B9B784 }
```

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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