

# Converting Colors

Hex(B9B994)

Have a look what the booklet for  
Hex(B9B994) contains.

<b>Hex(B9B994)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(B9B994)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9B994
RGB	185, 185, 148
RGB Percent	73%, 73%, 58%
CMY	0.2745, 0.2745, 0.4196
CMYK	0.00, 0.00, 0.20, 0.27
HSL	60°, 21%, 65%
HSV	60°, 20%, 73%
XYZ	42.7018, 47.1503, 34.8673
YIQ	180.7820, 11.8770, -11.5070

# Conversions

## Conversions Part 2

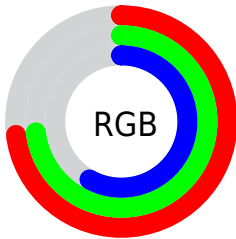
Format	Color
<a href="#">RYB</a>	<a href="#">148, 185, 148</a>
Decimal	<a href="#">12171668</a>
CIELab	<a href="#">74.29, -6.22, 18.83</a>
CIELCh	<a href="#">74, 19.834, 108.263</a>
Yxy	<a href="#">47.1503, 0.3424, 0.3781</a>
Android (android.graphics.Color)	<a href="#">4290361748</a> ( <a href="#">0xFFB9B994</a> )
YUV	<a href="#">180.7820, -16.1615, 3.6992</a>
Hunter-Lab	<a href="#">68.6661, -9.1607, 17.9600</a>

# Details

The Hex color **B9B994** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9494B9**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **F1F1CA**, and **848461** is the 20% darker color. If you saturate the color by 10%, you get **B9B982**, and if you desaturate by 10%, it is **B9B9A7**.

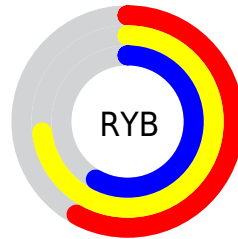
# Distribution



Red (73%)

Green (73%)

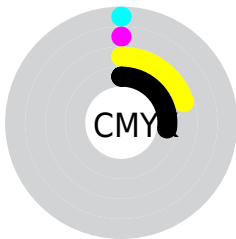
Blue (58%)



Red (58%)

Yellow (73%)

Blue (58%)

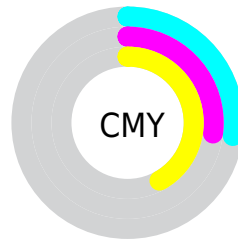


Cyan (0%)

Magenta (0%)

Yellow (20%)

Black (27%)



Cyan (27%)

Magenta (27%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9B994 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 B9B994 by changing the saturation by 10% instead.





B9B994



B9B994

FFFFFF



9E9E7A



F1F1CA



848461



FFFFE6



6A6B49



525332



3A3C1D



242605



081200



000000



B9B994



B9B994

 B9B982

 B9B9A7

 B9B96F

 B9B9B9

 B9B95D

 B9B9CC

 B9B94A

 B9B9DE

 B9B938

 B9B9F1

 B9B925

 B9B9FF

 B9B913

 B9B900

# Harmonies

## Analogous

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



CCB393



B9B994



A4BE9E

# Triad

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



B9B994



89BFD1



D7ABBF

# Complementary

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



B9B994



9494B9

# 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.



C7AFCF



B9B994



99BADA

# Square

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



B9B994



86C1C1



B1B4D9



DDAAAC

# Rectangle

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



B9B994



97C0A9



B1B4D9



D3ACC5



# Sweetspot

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



B9B994



F0F0E1



B99494



78786F



F7F7F7



787878



# Same Dimension

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



B9B994



F0F0B6



A7B994



5C5C53



9C9C00



1C1C00



# Inverse Universe

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



9494B9



B6B6F0



A794B9



53535C



00009C

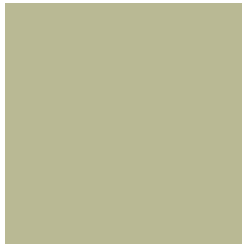


00001C



# Previews

## White Background



This preview shows how the Hex color B9B994 looks on a white background.

## Color Contrast Check

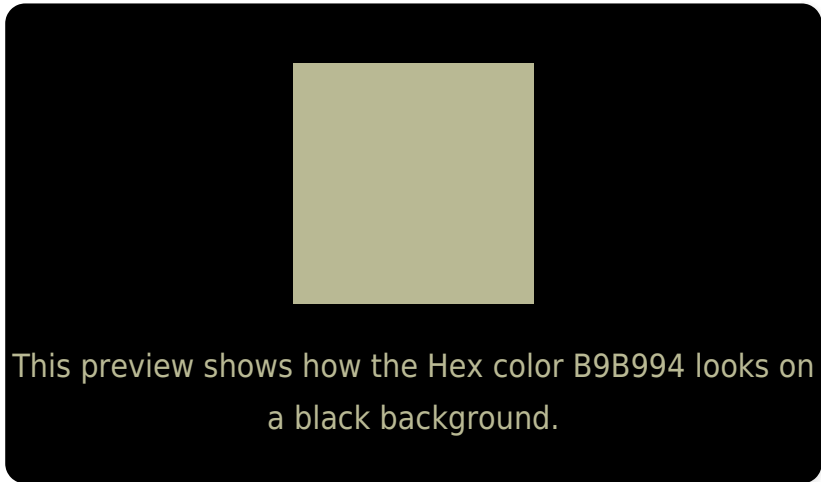
Large Text (above 18pt) WCAG AA × Fail

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

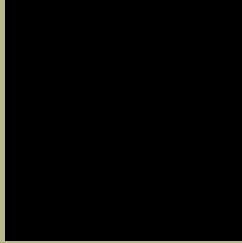
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

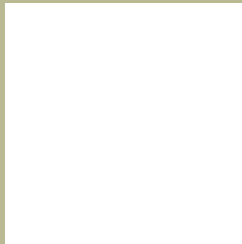
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B9B994 Background



This preview shows how black text looks on a background with the Hex color B9B994.

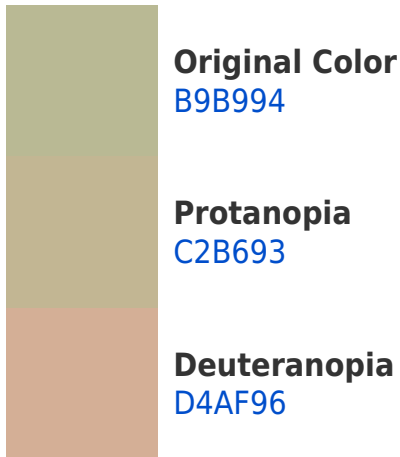


This preview shows how white text looks on a background with the Hex color B9B994.

# 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](#).

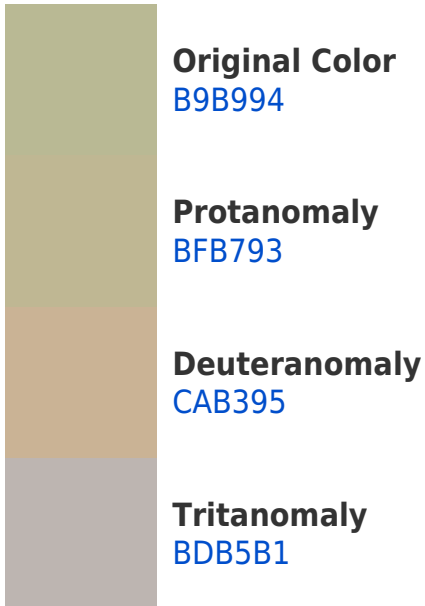
## Dichromacy



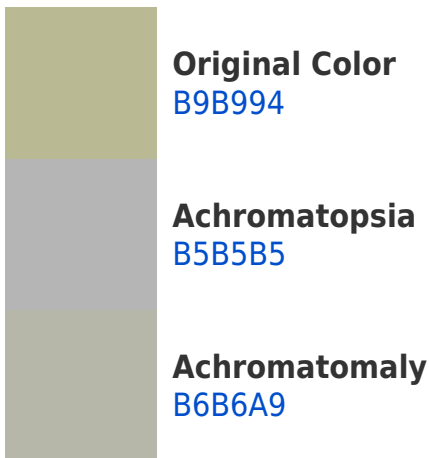


**Tritanopia**  
BFB3C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9B994 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 #B9B994 looks like.

```
.text, #text, p{  
    color:#B9B994  
}
```

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 #B9B994 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9B994
}
```

## Border

The CSS property to change the border of an element to Hex B9B994 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
#B9B994 }
```

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

```
.border{ border-color:#B9B994 }
```

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

Here you see how a box with a 4 pixel #B9B994 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9B994; -webkit-box-shadow:4px 4px  
4px 4px #B9B994; box-shadow:4px 4px 4px  
4px #B9B994 }
```

# Background

The CSS property to change the background color of an element to Hex B9B994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9B994 }
```

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

```
.background{ background-color:#B9B994 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor