

# Converting Colors

Hex(BB9B68)

Have a look what the booklet for  
Hex(BB9B68) contains.

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# **Color**

**Hex(BB9B68)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BB9B68
RGB	187, 155, 104
RGB Percent	73%, 61%, 41%
CMY	0.2667, 0.3922, 0.5922
CMYK	0.00, 0.17, 0.44, 0.27
HSL	37°, 38%, 57%
HSV	37°, 44%, 73%
XYZ	34.7136, 35.0070, 18.0241
YIQ	158.7540, 35.4430, -9.0770

# Conversions

## Conversions Part 2

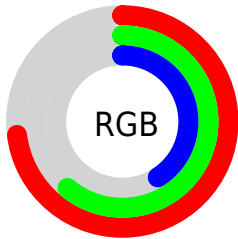
Format	Color
<a href="#">RYB</a>	<a href="#">156, 187, 104</a>
Decimal	<a href="#">12295016</a>
CIELab	<a href="#">65.75, 5.01, 31.14</a>
CIELCh	<a href="#">66, 31.541, 80.854</a>
Yxy	<a href="#">35.0070, 0.3956, 0.3990</a>
Android (android.graphics.Color)	<a href="#">4290485096 (0xFFBB9B68)</a>
YUV	<a href="#">158.7540, -26.9937, 24.7717</a>
Hunter-Lab	<a href="#">59.1667, 1.1856, 23.3550</a>

# Details

The Hex color **BB9B68** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **6888BB**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **F5D19C**, and **846838** is the 20% darker color. If you saturate the color by 10%, you get **BB9455**, and if you desaturate by 10%, it is **BBA27B**.

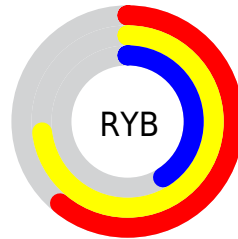
# Distribution



Red (73%)

Green (61%)

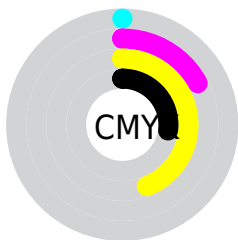
Blue (41%)



Red (61%)

Yellow (73%)

Blue (41%)

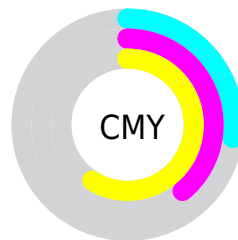


Cyan (0%)

Magenta (17%)

Yellow (44%)

Black (27%)



Cyan (27%)

Magenta (39%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB9B68 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 BB9B68 by changing the saturation by 10% instead.





BB9B68



BB9B68

FFFFFF



9F814F



F5D19C



846838



FFEEB7



695021



FFFFD3



50390A



FFFFEF



372400



1F0F00



000000



BB9B68



BB9B68



BB9455



BBA27B

 BB8D43

 BBA98D

 BB8530

 BBB1A0

 BB7E1D

 BBB8B3

 BB770B

 BBBFC5

 BB7300

 BBC6D8

 BBCDEB

 BBD5FE

 BBDCFF

# Harmonies

## Analogous

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



CF9275



BB9B68



9FA46A

# Triad

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



BB9B68



41AFB3



BB92C4

# Complementary

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



BB9B68



6888BB

# 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.



979CD4



BB9B68



45ACCB

# Square

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



BB9B68



5DAF96



6CA5D7



D18BAA

# Rectangle

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



BB9B68



8AA974



6CA5D7



B195CB



# Sweetspot

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



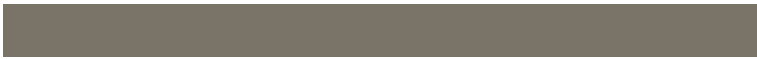
BB9B68



F2E6D3



BB6889



7A7367



FAFAFA



7A7A7A



# Same Dimension

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



BB9B68



F2C172



B3BB68



5E5B55



9E6100



1F1300



# Inverse Universe

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



6888BB



72A3F2



7068BB



55595E



003D9E



000C1F



# Previews

## White Background



This preview shows how the Hex color BB9B68 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 BB9B68 Background



This preview shows how black text looks on a background with the Hex color BB9B68.



This preview shows how white text looks on a background with the Hex color BB9B68.

# 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



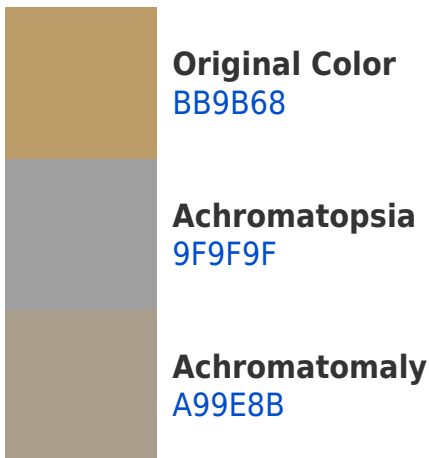


**Tritanopia**  
C0949F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB9B68 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 #BB9B68 looks like.

```
.text, #text, p{  
    color:#BB9B68  
}
```

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 #BB9B68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB9B68  
}
```

## Border

The CSS property to change the border of an element to Hex BB9B68 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  
#BB9B68 }
```

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

```
.border{ border-color:#BB9B68 }
```

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

Here you see how a box with a 4 pixel #BB9B68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB9B68; -webkit-box-shadow:4px 4px  
4px 4px #BB9B68; box-shadow:4px 4px 4px  
4px #BB9B68 }
```

# Background

The CSS property to change the background color of an element to Hex BB9B68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB9B68 }
```

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

```
.background{ background-color:#BB9B68 }
```

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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