

# Converting Colors

Hex(BBB0A8)

Have a look what the booklet for  
Hex(BBB0A8) contains.

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# **Color**

**Hex(BBB0A8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BBB0A8
RGB	187, 176, 168
RGB Percent	73%, 69%, 66%
CMY	0.2667, 0.3098, 0.3412
CMYK	0.00, 0.06, 0.10, 0.27
HSL	25°, 12%, 70%
HSV	25°, 10%, 73%
XYZ	43.0867, 44.4426, 43.3532
YIQ	178.3770, 9.1240, -0.1560

# Conversions

## Conversions Part 2

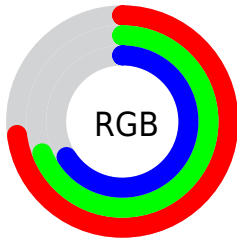
Format	Color
<a href="#">RYB</a>	<a href="#">187, 182, 168</a>
Decimal	<a href="#">12300456</a>
CIELab	<a href="#">72.52, 2.53, 5.49</a>
CIELCh	<a href="#">73, 6.045, 65.275</a>
Yxy	<a href="#">44.4426, 0.3292, 0.3396</a>
Android (android.graphics.Color)	<a href="#">4290490536</a> ( <a href="#">0xFFBBB0A8</a> )
YUV	<a href="#">178.3770, -5.1159, 7.5624</a>
Hunter-Lab	<a href="#">66.6653, -1.2972, 8.1088</a>

# Details

The Hex color **BBB0A8** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A8B3BB**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **F3E8DF**, and **867C74** is the 20% darker color. If you saturate the color by 10%, you get **BBA595**, and if you desaturate by 10%, it is **BBBBBB**.

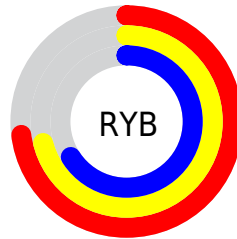
# Distribution



Red (73%)

Green (69%)

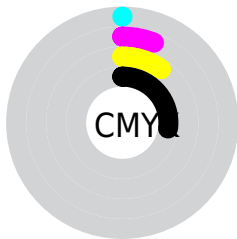
Blue (66%)



Red (73%)

Yellow (71%)

Blue (66%)

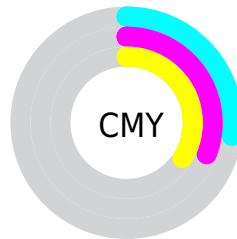


Cyan (0%)

Magenta (6%)

Yellow (10%)

Black (27%)



Cyan (27%)

Magenta (31%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBB0A8 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 BBB0A8 by changing the saturation by 10% instead.



■ BBB0A8

■ BBB0A8

FFFFFF

■ A0958E

■ F3E8DF

■ 867C74

FFFFFFC

■ 6C635B

■ 544B44

■ 3D342E

■ 271F19

■ 130700

■ 000000

■ BBB0A8

■ BBB0A8

 BBA595

 BBBBBD

 BB9A83

 BBC6CD

 BB9070

 BBD0E0

 BB855D

 BBDBF3

 BB7A4B

 BBE6FF

 BB6F38

 BBF1FF

 BB6425

 BBFCFF

 BB5912

 BBFFFF

 BB4F00

# Harmonies

## Analogous

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



BEAFAC



BBB0A8



B6B2A7

# Triad

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



BBB0A8



A5B5B3



B4B0BB

# Complementary

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



BBB0A8



A8B3BB

# 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.



AEB2BD



BBB0A8



A5B5B8

# Square

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



BBB0A8



A9B5AD



A8B4BC



BAAFB7

# Rectangle

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



**BBB0A8**



**B1B3A8**



**A8B4BC**



**B2B1BC**

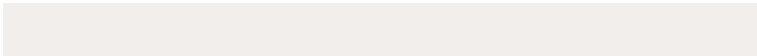


# Sweetspot

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



BBB0A8



F2EEEB



BBA8B3



7A7876



FAFAFA



7A7A7A



# Same Dimension

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



BBB0A8



F2E1D5



BBB9A8



5E5955



9E4300



1F0D00



# Inverse Universe

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



A8B3BB



D5E6F2



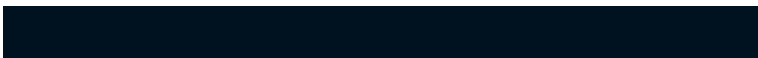
A8AABB



555A5E



005C9E



00121F



# Previews

## White Background



This preview shows how the Hex color BBB0A8 looks on a white background.

## Color Contrast Check

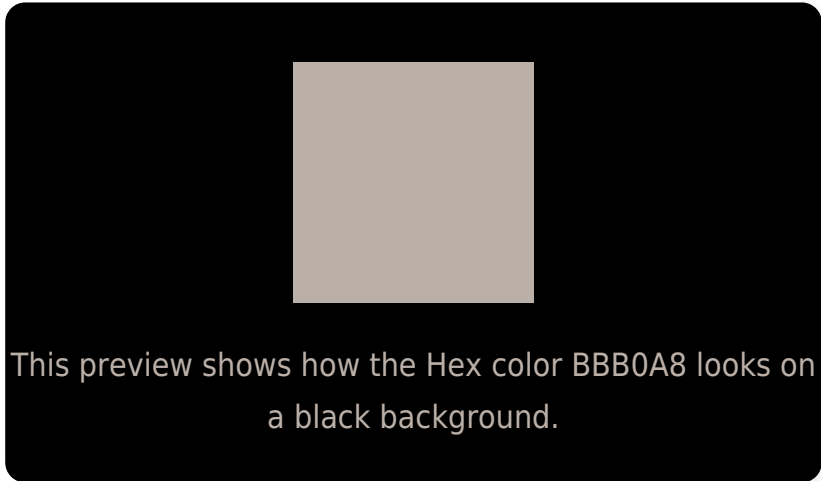
Large Text (above 18pt) WCAG AA × Fail

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

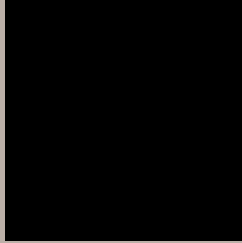
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BBB0A8 Background



This preview shows how black text looks on a background with the Hex color BBB0A8.

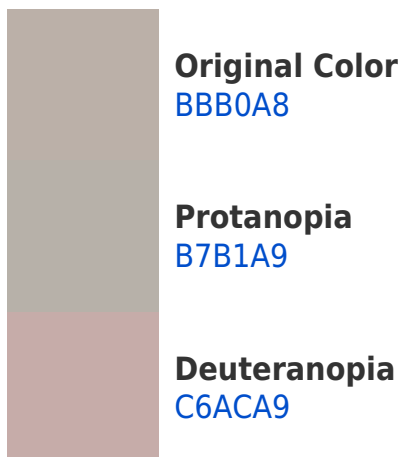


This preview shows how white text looks on a background with the Hex color BBB0A8.

# 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



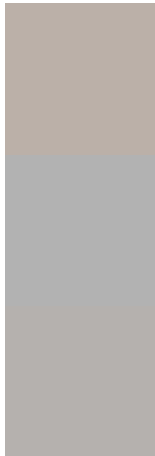
**Original Color**  
BBB0A8

**Protanomaly**  
B8B1A9

**Deuteranomaly**  
C2ADA9

**Tritanomaly**  
BDAEB4

# Monochromacy



**Original Color**  
BBB0A8

**Achromatopsia**  
B2B2B2

**Achromatomaly**  
B5B1AE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBB0A8 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 #BBB0A8 looks like.

```
.text, #text, p{  
    color:#BBB0A8  
}
```

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 #BBB0A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBB0A8  
}
```

## Border

The CSS property to change the border of an element to Hex BBB0A8 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  
#BBB0A8 }
```

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

```
.border{ border-color:#BBB0A8 }
```

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

Here you see how a box with a 4 pixel #BBB0A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBB0A8; -webkit-box-shadow:4px 4px  
4px 4px #BBB0A8; box-shadow:4px 4px 4px  
4px #BBB0A8 }
```

# Background

The CSS property to change the background color of an element to Hex BBB0A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBB0A8 }
```

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

```
.background{ background-color:#BBB0A8 }
```

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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