

# Converting Colors

Hex(BBB0A9)

Have a look what the booklet for  
Hex(BBB0A9) contains.

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# **Color**

**Hex(BBB0A9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBB0A9
RGB	187, 176, 169
RGB Percent	73%, 69%, 66%
CMY	0.2667, 0.3098, 0.3373
CMYK	0.00, 0.06, 0.10, 0.27
HSL	23°, 12%, 70%
HSV	23°, 10%, 73%
XYZ	43.1803, 44.4800, 43.8458
YIQ	178.4910, 8.8030, 0.1550

# Conversions

## Conversions Part 2

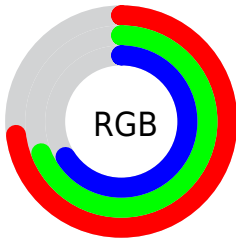
Format	Color
<a href="#">RYB</a>	<a href="#">187, 180, 169</a>
Decimal	<a href="#">12300457</a>
CIELab	<a href="#">72.55, 2.70, 4.98</a>
CIELCh	<a href="#">73, 5.663, 61.535</a>
Yxy	<a href="#">44.4800, 0.3284, 0.3382</a>
Android (android.graphics.Color)	<a href="#">4290490537</a> ( <a href="#">0xFFBBB0A9</a> )
YUV	<a href="#">178.4910, -4.6791, 7.4624</a>
Hunter-Lab	<a href="#">66.6934, -1.1444, 7.7067</a>

# Details

The Hex color **BBB0A9** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A9B4BB**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **F3E8E0**, and **867C75** is the 20% darker color. If you saturate the color by 10%, you get **BBA596**, and if you desaturate by 10%, it is **BBBBBC**.

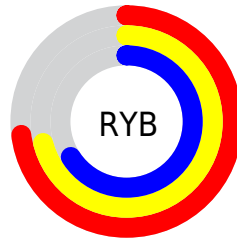
# Distribution



Red (73%)

Green (69%)

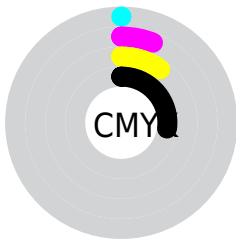
Blue (66%)



Red (73%)

Yellow (71%)

Blue (66%)

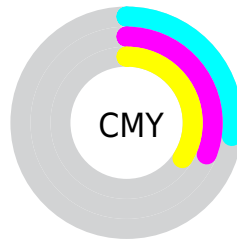


Cyan (0%)

Magenta (6%)

Yellow (10%)

Black (27%)



Cyan (27%)

Magenta (31%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBB0A9 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 BBB0A9 by changing the saturation by 10% instead.



■ BBB0A9

■ BBB0A9

FFFFFF

■ A0958F

■ F3E8E0

■ 867C75

FFFFFFD

■ 6C635C

■ 544B45

■ 3D342F

■ 271F1A

■ 130700

■ 000000

■ BBB0A9

■ BBB0A9

 BBA596

 BBBBBC

 BB9984

 BBC7CE

 BB8E71

 BBD2E1

 BB825E

 BBDEF4

 BB774C

 BBE9FF

 BB6B39

 BBF5FF

 BB6026

 BBFFFF

 BB5513

 BB4901

# Harmonies

## Analogous

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



BDAFAD



BBB0A9



B6B2A8

# Triad

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



BBB0A9



A7B5B2



B3B1BB

# Complementary

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



BBB0A9



A9B4BB

# 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.



ADB2BC



BBB0A9



A6B5B7

# Square

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



BBB0A9



AAB5AD



A8B4BB



B9AFB7

# Rectangle

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



**BBB0A9**



**B2B3A8**



**A8B4BB**



**B1B1BC**

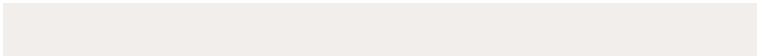


# Sweetspot

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



BBB0A9



F2EEEB



BBA9B4



7A7776



FAFAFA



7A7A7A



# Same Dimension

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



BBB0A9



F2E0D5



BBB9A9



5E5955



9E3D00



1F0C00



# Inverse Universe

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



A9B4BB



D5E7F2



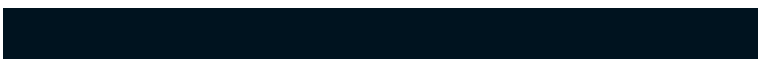
A9ABBB



555B5E



00619E



00131F



# Previews

## White Background



This preview shows how the Hex color BBB0A9 looks on a white background.

## Color Contrast Check

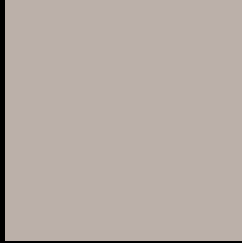
Large Text (above 18pt) WCAG AA × Fail

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 BBB0A9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

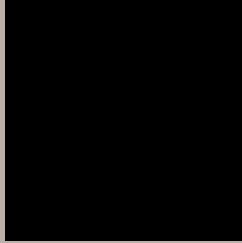
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

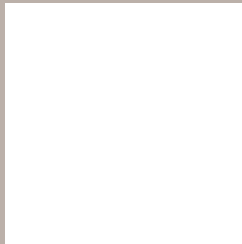
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BBB0A9 Background



This preview shows how black text looks on a background with the Hex color BBB0A9.

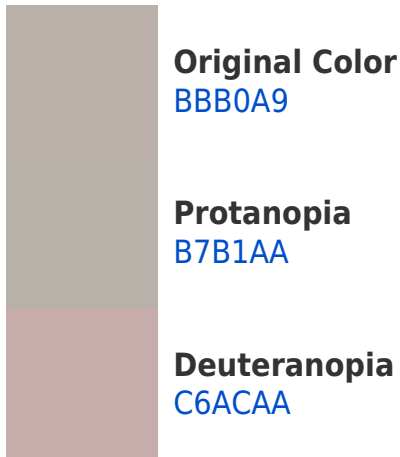


This preview shows how white text looks on a background with the Hex color BBB0A9.

# 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**  
BBB0A9

**Protanomaly**  
B8B1AA

**Deuteranomaly**  
C2ADAA

**Tritanomaly**  
BDAEB4

# Monochromacy



**Original Color**  
BBB0A9

**Achromatopsia**  
B2B2B2

**Achromatomaly**  
B5B1AF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBB0A9 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 #BBB0A9 looks like.

```
.text, #text, p{  
    color:#BBB0A9  
}
```

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 #BBB0A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBB0A9
}
```

## Border

The CSS property to change the border of an element to Hex BBB0A9 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
#BBB0A9 }
```

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

```
.border{ border-color:#BBB0A9 }
```

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

Here you see how a box with a 4 pixel #BBB0A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBB0A9; -webkit-box-shadow:4px 4px  
4px 4px #BBB0A9; box-shadow:4px 4px 4px  
4px #BBB0A9 }
```

# Background

The CSS property to change the background color of an element to Hex BBB0A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBB0A9 }
```

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

```
.background{ background-color:#BBB0A9 }
```

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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