

# Converting Colors

Hex(BBAAA7)

Have a look what the booklet for  
Hex(BBAAA7) contains.

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# **Color**

**Hex(BBAAA7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBAAA7
RGB	187, 170, 167
RGB Percent	73%, 67%, 65%
CMY	0.2667, 0.3333, 0.3451
CMYK	0.00, 0.09, 0.11, 0.27
HSL	9°, 13%, 69%
HSV	9°, 11%, 73%
XYZ	41.8433, 42.1043, 42.4808
YIQ	174.7410, 11.0950, 2.6710

# Conversions

## Conversions Part 2

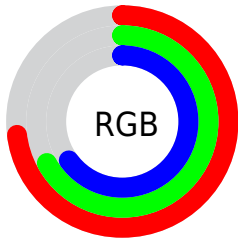
Format	Color
<a href="#">RYB</a>	<a href="#">187, 171, 167</a>
Decimal	<a href="#">12298919</a>
CIELab	<a href="#">70.94, 5.61, 3.76</a>
CIElCh	<a href="#">71, 6.754, 33.826</a>
Yxy	<a href="#">42.1043, 0.3310, 0.3330</a>
Android (android.graphics.Color)	<a href="#">4290488999 (0xFFBBAAA7)</a>
YUV	<a href="#">174.7410, -3.8163, 10.7511</a>
Hunter-Lab	<a href="#">64.8878, 1.5532, 6.6055</a>

# Details

The Hex color **BBAAA7** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A7B8BB**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **F3E1DE**, and **867673** is the 20% darker color. If you saturate the color by 10%, you get **BB9A94**, and if you desaturate by 10%, it is **BBBABA**.

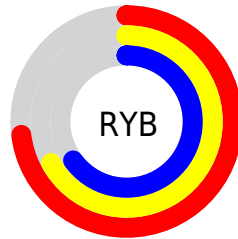
# Distribution



Red (73%)

Green (67%)

Blue (65%)



Red (73%)

Yellow (67%)

Blue (65%)

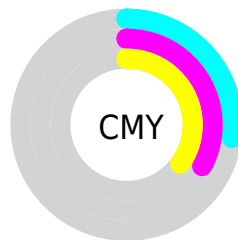


Cyan (0%)

Magenta (9%)

Yellow (11%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBAAA7 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 BBAAA7 by changing the saturation by 10% instead.





BBAAA7



BBAAA7

FFFFFF



A0908D



F3E1DE



867673



FFFEFB



6C5D5B



544643



3D2F2D



271B18



120000



000000



BBAAA7



BBAAA7

 BB9A94

 BBBABA

 BB8A82

 BBCACC

 BB7A6F

 BBDADF

 BB6A5C

 BBAAF2

 BB5B4A

 BBF9FF

 BB4B37

 BBFFFF

 BB3B24

 BB2B11

 BB1C00

# Harmonies

## Analogous

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



BBAAAD



BBAAA7



B8ABA3

# Triad

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



BBAAA7



A4B1A8



A8AEBA

# Complementary

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



BBAAA7



A7B8BB

# 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.



A2B0B8



BBAAA7



A0B1AE

# Square

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



BBAAA7



ABAF3



9FB1B4



B0ACB8

# Rectangle

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



**BBAAA7**



**B4ADA2**



**9FB1B4**



**A6AFBA**

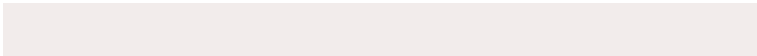


# Sweetspot

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



**BBAAA7**



**F2ECEB**



**BBA7B8**



**7A7676**



**FAFAFA**



**7A7A7A**



# Same Dimension

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



BBAAA7



F2D7D3



BBB4A7



5E5655



9E1800



1F0500



# Inverse Universe

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



A7B8BB



D3EEF2



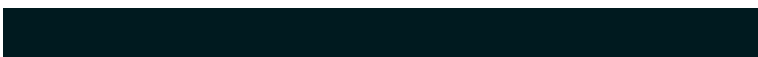
A7AEBB



555D5E



00869E



001A1F



# Previews

## White Background



This preview shows how the Hex color BBAAA7 looks on a white background.

## Color Contrast Check

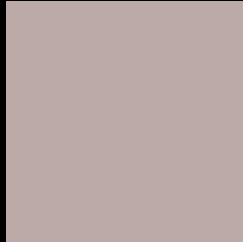
Large Text (above 18pt) WCAG AA × Fail

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 BBAAA7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

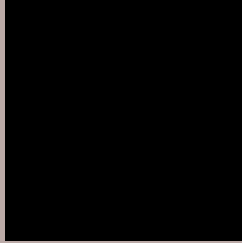
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BBAAA7 Background



This preview shows how black text looks on a background with the Hex color BBAAA7.



This preview shows how white text looks on a background with the Hex color BBAAA7.

# 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



**Original Color**  
BBAAA7

**Protanopia**  
B2ADA9

**Deuteranopia**  
C1A8A7



**Tritanopia**  
BDA8B5

# Trichromacy



**Original Color**  
BBAAA7

**Protanomaly**  
B5ACA8

**Deuteranomaly**  
BFA9A7

**Tritanomaly**  
BCA9B0

# Monochromacy



**Original Color**  
BBAAA7

**Achromatopsia**  
AFAFAF

**Achromatomaly**  
B3ADAC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBAAA7 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 #BBAAA7 looks like.

```
.text, #text, p{  
    color:#BBAAA7  
}
```

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 #BBAAA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBAAA7  
}
```

## Border

The CSS property to change the border of an element to Hex BBAAA7 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  
#BBAAA7 }
```

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

```
.border{ border-color:#BBAAA7 }
```

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

Here you see how a box with a 4 pixel #BBAAA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBAAA7; -webkit-box-shadow:4px 4px  
4px 4px #BBAAA7; box-shadow:4px 4px 4px  
4px #BBAAA7 }
```

# Background

The CSS property to change the background color of an element to Hex BBAAA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBAAA7 }
```

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

```
.background{ background-color:#BBAAA7 }
```

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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