

# Converting Colors

Hex(BBA17D)

Have a look what the booklet for  
Hex(BBA17D) contains.

<b>Hex(BBA17D)</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(BBA17D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BBA17D
RGB	187, 161, 125
RGB Percent	73%, 63%, 49%
CMY	0.2667, 0.3686, 0.5098
CMYK	0.00, 0.14, 0.33, 0.27
HSL	35°, 31%, 61%
HSV	35°, 33%, 73%
XYZ	36.9401, 37.5352, 24.7001
YIQ	164.6700, 27.0520, -5.6840

# Conversions

## Conversions Part 2

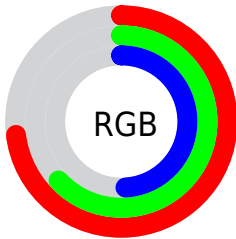
Format	Color
<a href="#">RYB</a>	<a href="#">170, 187, 125</a>
Decimal	<a href="#">12296573</a>
CIELab	<a href="#">67.68, 4.21, 22.29</a>
CIElCh	<a href="#">68, 22.688, 79.306</a>
Yxy	<a href="#">37.5352, 0.3725, 0.3785</a>
Android (android.graphics.Color)	<a href="#">4290486653</a> ( <a href="#">0xFFBBA17D</a> )
YUV	<a href="#">164.6700, -19.5573, 19.5834</a>
Hunter-Lab	<a href="#">61.2660, 0.4103, 18.9827</a>

# Details

The Hex color **BBA17D** is a light color, and the websafe version is hex **999966**. A complement of this color would be **7D97BB**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **F4D8B2**, and **856E4C** is the 20% darker color. If you saturate the color by 10%, you get **BB996A**, and if you desaturate by 10%, it is **BBA990**.

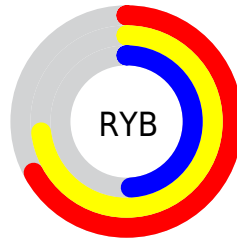
# Distribution



Red (73%)

Green (63%)

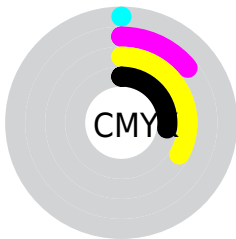
Blue (49%)



Red (67%)

Yellow (73%)

Blue (49%)

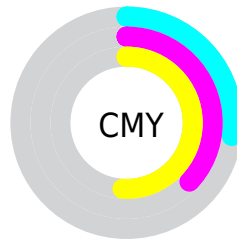


Cyan (0%)

Magenta (14%)

Yellow (33%)

Black (27%)



Cyan (27%)

Magenta (37%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBA17D 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 BBA17D by changing the saturation by 10% instead.



 BBA17D

 BBA17D

FFFFFF

 A08764

 F4D8B2

 856E4C

 FFF4CD

 6B5535

 FFFFEA

 523E1F

 3A2808

 231400

 000000

 BBA17D

 BBA17D

 BB996A

 BBA990

 BB9158

 BBB1A2

 BB8945

 BBB9B5

 BB8232

 BBC0C8

 BB7A1F

 BBC8DB

 BB720D

 BBD0ED

 BB6D00

 BBD8FF

 BBE0FF

 BBE8FF

# Harmonies

## Analogous

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



CA9B87



BBA17D



A6A87E

# Triad

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



BBA17D



6BB0B2



B89BC0

# Complementary

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



BBA17D



7D97BB

# 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.



9EA2CB



BBA17D



6EAEC3

# Square

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



BBA17D



79B09D



83A9CD



C997AD

# Rectangle

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



BBA17D



97AB85



83A9CD



B09DC5



# Sweetspot

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



BBA17D



F2E8DA



BB7D98



7A746C



FAFAFA



7A7A7A



# Same Dimension

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



BBA17D



F2CA91



B7BB7D



5E5A55



9E5C00



1F1200



# Inverse Universe

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



7D97BB



91BAF2



817DBB



55595E



00429E

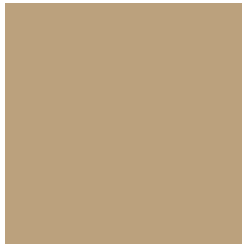


000D1F



# Previews

## White Background



This preview shows how the Hex color BBA17D looks on a white background.

## Color Contrast Check

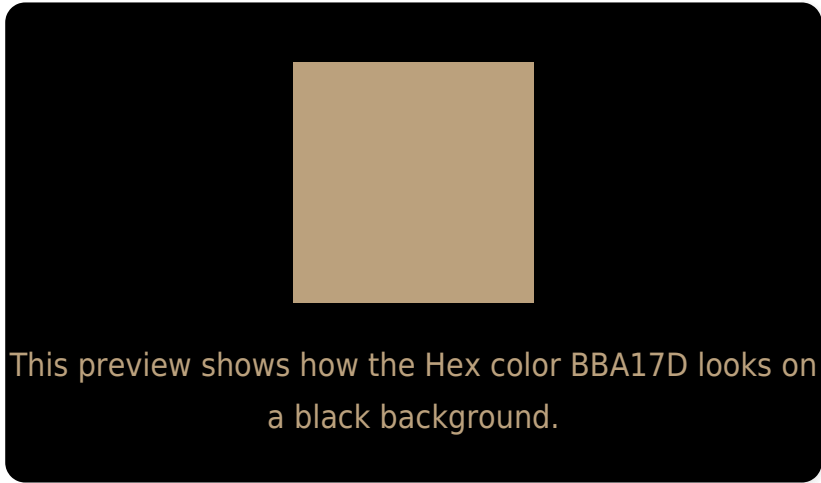
Large Text (above 18pt) WCAG AA × Fail

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

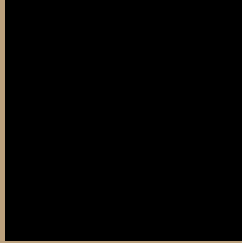
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BBA17D Background



This preview shows how black text looks on a background with the Hex color BBA17D.

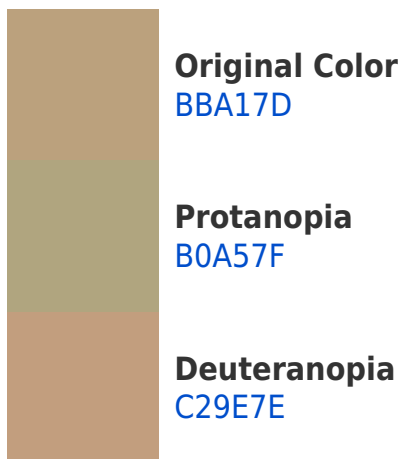


This preview shows how white text looks on a background with the Hex color BBA17D.

# 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



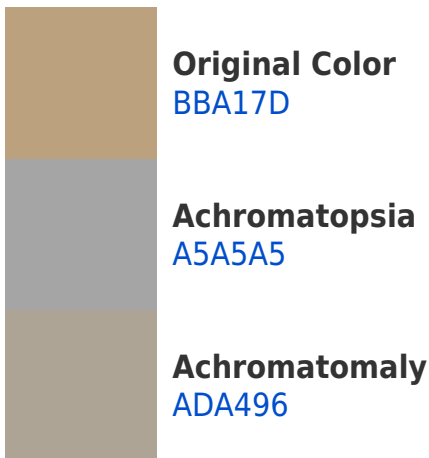


**Tritanopia**  
C09BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBA17D 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 #BBA17D looks like.

```
.text, #text, p{  
    color:#BBA17D  
}
```

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 #BBA17D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBA17D } }
```

## Border

The CSS property to change the border of an element to Hex BBA17D 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 #BBA17D } }
```

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

```
.border{ border-color:#BBA17D }
```

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

Here you see how a box with a 4 pixel #BBA17D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBA17D; -webkit-box-shadow:4px 4px  
4px 4px #BBA17D; box-shadow:4px 4px 4px  
4px #BBA17D }
```

# Background

The CSS property to change the background color of an element to Hex BBA17D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBA17D }
```

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

```
.background{ background-color:#BBA17D }
```

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