

# Converting Colors

Hex(BBA477)

Have a look what the booklet for  
Hex(BBA477) contains.

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# **Color**

**Hex(BBA477)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBA477
RGB	187, 164, 119
RGB Percent	73%, 64%, 47%
CMY	0.2667, 0.3569, 0.5333
CMYK	0.00, 0.12, 0.36, 0.27
HSL	40°, 33%, 60%
HSV	40°, 36%, 73%
XYZ	37.0987, 38.4476, 22.9186
YIQ	165.7470, 28.1530, -9.1190

# Conversions

## Conversions Part 2

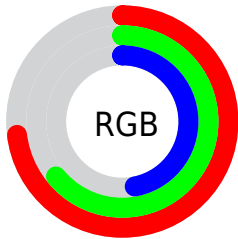
Format	Color
<a href="#">RYB</a>	<a href="#">154, 187, 119</a>
Decimal	<a href="#">12297335</a>
CIELab	<a href="#">68.35, 1.83, 26.46</a>
CIElCh	<a href="#">68, 26.523, 86.038</a>
Yxy	<a href="#">38.4476, 0.3768, 0.3905</a>
Android (android.graphics.Color)	<a href="#">4290487415</a> ( <a href="#">0xFFBBA477</a> )
YUV	<a href="#">165.7470, -23.0463, 18.6389</a>
Hunter-Lab	<a href="#">62.0061, -1.7129, 21.4897</a>

# Details

The Hex color **BBA477** is a light color, and the websafe version is hex **999966**. A complement of this color would be **778EBB**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **F4DBAC**, and **857046** is the 20% darker color. If you saturate the color by 10%, you get **BB9E64**, and if you desaturate by 10%, it is **BBAA8A**.

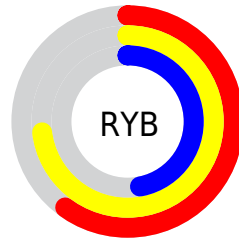
# Distribution



Red (73%)

Green (64%)

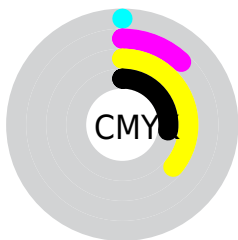
Blue (47%)



Red (60%)

Yellow (73%)

Blue (47%)

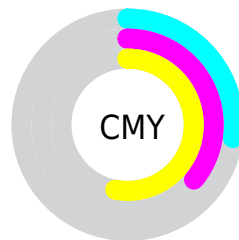


Cyan (0%)

Magenta (12%)

Yellow (36%)

Black (27%)



Cyan (27%)

Magenta (36%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBA477 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 BBA477 by changing the saturation by 10% instead.



 BBA477

 BBA477

FFFFFF

 9F8A5E

 F4DBAC

 857046

 FFF7C7

 6A582F

 FFFFE3

 514119

 392B00

 221700

 000000

 BBA477

 BBA477

 BB9E64

 BBAA8A

 BB9752

 BBB19C

 BB913F

 BBB7AF

 BB8B2C

 BBBDC2

 BB8419

 BBC4D5

 BB7E07

 BBCAE7

 BB7C00

 BBD0FA

 BBD7FF

 BBDDFF

# Harmonies

## Analogous

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



CE9C80



BBA477



A2AC7B

# Triad

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



BBA477



5EB4BB



C29AC2

# Complementary

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



BBA477



778EBB

# 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.



A6A2D2



BBA477



67B0CE

# Square

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



BBA477



6DB4A2



84AAD6



D395AB

# Rectangle

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



BBA477



90B085



84AAD6



BA9CC8

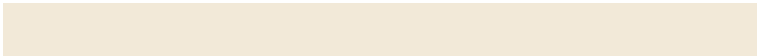


# Sweetspot

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



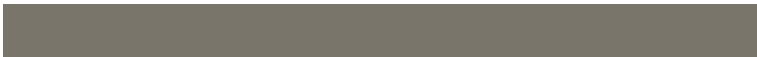
BBA477



F2E9D8



BB778F



7A756A



FAFAFA



7A7A7A



# Same Dimension

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



BBA477



F2CE88



B1BB77



5E5B55



9E6900



1F1400



# Inverse Universe

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



778EBB



88ACF2



8177BB



55585E



00359E



000A1F



# Previews

## White Background



This preview shows how the Hex color BBA477 looks on a white background.

## Color Contrast Check

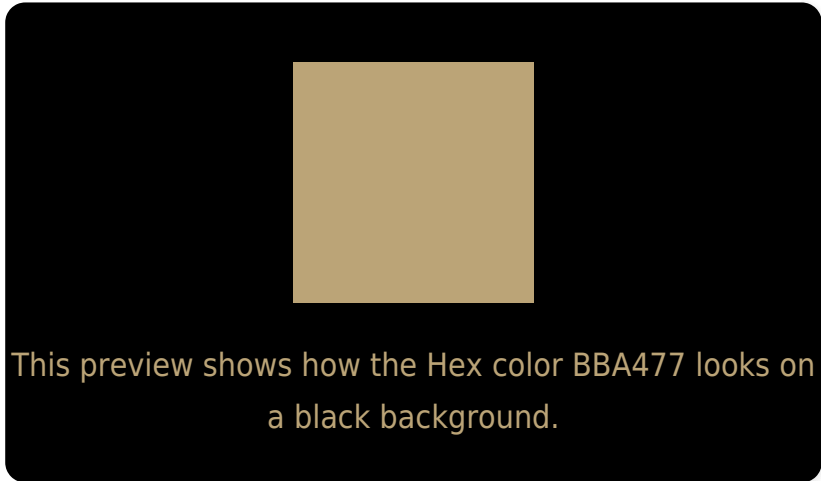
Large Text (above 18pt) WCAG AA × Fail

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

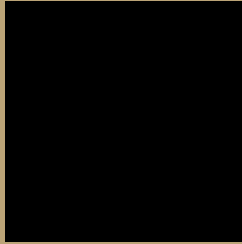
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BBA477 Background



This preview shows how black text looks on a background with the Hex color BBA477.



This preview shows how white text looks on a background with the Hex color BBA477.

# 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**  
BBA477

**Protanopia**  
B3A778

**Deuteranopia**  
C6A078



**Tritanopia**  
C09DAA

# Trichromacy



**Original Color**  
BBA477

**Protanomaly**  
B6A678

**Deuteranomaly**  
C2A178

**Tritanomaly**  
BEA097

# Monochromacy



**Original Color**  
BBA477

**Achromatopsia**  
A6A6A6

**Achromatomaly**  
AEA595

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBA477 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 #BBA477 looks like.

```
.text, #text, p{  
    color:#BBA477  
}
```

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 #BBA477 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBA477  
}
```

## Border

The CSS property to change the border of an element to Hex BBA477 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  
#BBA477 }
```

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

```
.border{ border-color:#BBA477 }
```

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

Here you see how a box with a 4 pixel #BBA477 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBA477; -webkit-box-shadow:4px 4px  
4px 4px #BBA477; box-shadow:4px 4px 4px  
4px #BBA477 }
```

# Background

The CSS property to change the background color of an element to Hex BBA477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBA477 }
```

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

```
.background{ background-color:#BBA477 }
```

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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