

# Converting Colors

Hex(BB8A77)

Have a look what the booklet for  
Hex(BB8A77) contains.

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**Color**

**Hex(BB8A77)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BB8A77
RGB	187, 138, 119
RGB Percent	73%, 54%, 47%
CMY	0.2667, 0.4588, 0.5333
CMYK	0.00, 0.26, 0.36, 0.27
HSL	17°, 33%, 60%
HSV	17°, 36%, 73%
XYZ	32.9118, 30.0737, 21.5229
YIQ	150.4850, 35.3030, 4.4790

# Conversions

## Conversions Part 2

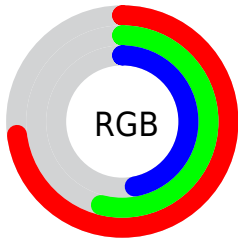
Format	Color
<a href="#">RYB</a>	<a href="#">187, 145, 119</a>
Decimal	<a href="#">12290679</a>
CIELab	<a href="#">61.72, 16.12, 17.49</a>
CIElCh	<a href="#">62, 23.785, 47.340</a>
Yxy	<a href="#">30.0737, 0.3894, 0.3559</a>
Android (android.graphics.Color)	<a href="#">4290480759 (0xFFBB8A77)</a>
YUV	<a href="#">150.4850, -15.5221, 32.0237</a>
Hunter-Lab	<a href="#">54.8395, 11.1573, 15.1180</a>

# Details

The Hex color **BB8A77** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **77A8BB**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **F4C0AB**, and **845847** is the 20% darker color. If you saturate the color by 10%, you get **BB7D64**, and if you desaturate by 10%, it is **BB978A**.

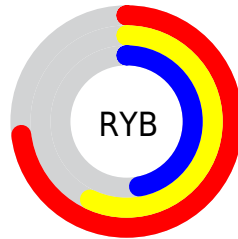
# Distribution



Red (73%)

Green (54%)

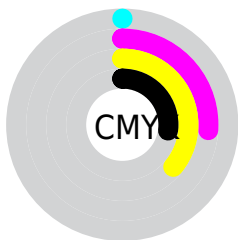
Blue (47%)



Red (73%)

Yellow (57%)

Blue (47%)

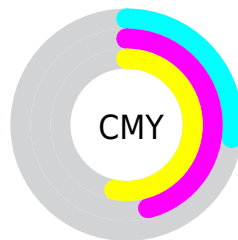


Cyan (0%)

Magenta (26%)

Yellow (36%)

Black (27%)



Cyan (27%)

Magenta (46%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB8A77 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 BB8A77 by changing the saturation by 10% instead.



 BB8A77

 BB8A77

FFFFFF

 9F705E

 F4C0AB

 845847

 FFDBC7

 6A4030

 FFF8E3

 502A1B

 381501

 220000

 000000

 BB8A77

 BB8A77

 BB7D64

 BB978A

 BB6F52

 BBA59C

 BB623F

 BBB2AF

 BB542C

 BBC0C2

 BB4719

 BBCDD5

 BB3907

 BBDBE7

 BB3400

 BBE8FA

 BBF6FF

 BBFFFF

# Harmonies

## Analogous

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



C08689



BB8A77



AD916C

# Triad

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



BB8A77



68A08B



8C93BD

# Complementary

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



BB8A77



77A8BB

# 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.



6F9ABE



BB8A77



58A1A1

# Square

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



BB8A77



809D78



599FB3



A78CB2

# Rectangle

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



BB8A77



9F956B



599FB3



8295BF

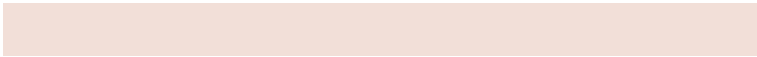


# Sweetspot

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



BB8A77



F2DFD8



BB77A9



7A6F6A



FAFAFA



7A7A7A



# Same Dimension

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



BB8A77



F2A588



BBAB77



5E5855



9E2C00



1F0900



# Inverse Universe

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



77A8BB



88D4F2



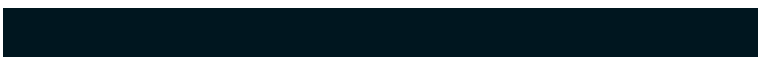
7787BB



555C5E



00729E



00161F



# Previews

## White Background



This preview shows how the Hex color BB8A77 looks on a white background.

## Color Contrast Check

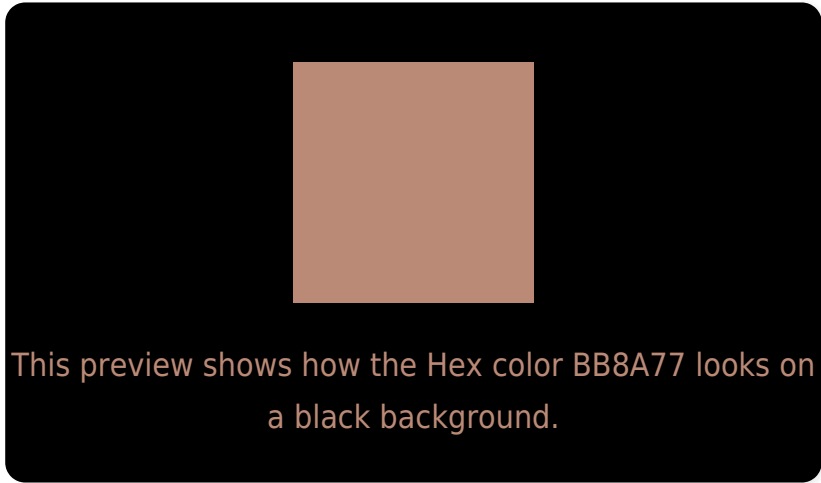
Large Text (above 18pt) WCAG AA × Fail

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

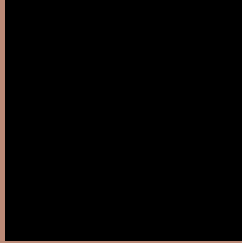
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BB8A77 Background



This preview shows how black text looks on a background with the Hex color BB8A77.



This preview shows how white text looks on a background with the Hex color BB8A77.

# 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**  
BB8A77

**Protanopia**  
9E957C

**Deuteranopia**  
AE8F76



**Tritanopia**  
BE8691

# Trichromacy



**Original Color**  
BB8A77

**Protanomaly**  
A9917A

**Deuteranomaly**  
B38D76

**Tritanomaly**  
BD8788

# Monochromacy



**Original Color**  
BB8A77

**Achromatopsia**  
969696

**Achromatomaly**  
A3928B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB8A77 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 #BB8A77 looks like.

```
.text, #text, p{  
    color:#BB8A77  
}
```

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 #BB8A77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB8A77
}
```

## Border

The CSS property to change the border of an element to Hex BB8A77 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
#BB8A77 }
```

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

```
.border{ border-color:#BB8A77 }
```

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

Here you see how a box with a 4 pixel #BB8A77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB8A77; -webkit-box-shadow:4px 4px  
4px 4px #BB8A77; box-shadow:4px 4px 4px  
4px #BB8A77 }
```

# Background

The CSS property to change the background color of an element to Hex BB8A77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB8A77 }
```

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

```
.background{ background-color:#BB8A77 }
```

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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