

# Converting Colors

Hex(BBA38E)

Have a look what the booklet for  
Hex(BBA38E) contains.

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# **Color**

**Hex(BBA38E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BBA38E
RGB	187, 163, 142
RGB Percent	73%, 64%, 56%
CMY	0.2667, 0.3608, 0.4431
CMYK	0.00, 0.13, 0.24, 0.27
HSL	28°, 25%, 65%
HSV	28°, 24%, 73%
XYZ	38.4732, 38.7122, 31.0356
YIQ	167.7820, 21.0450, -1.4430

# Conversions

## Conversions Part 2

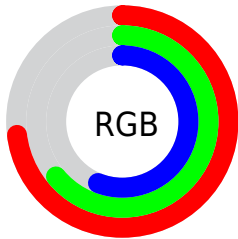
Format	Color
<a href="#">RYB</a>	<a href="#">187, 181, 142</a>
Decimal	<a href="#">12297102</a>
CIELab	<a href="#">68.54, 5.46, 14.14</a>
CIElCh	<a href="#">69, 15.157, 68.891</a>
Yxy	<a href="#">38.7122, 0.3555, 0.3577</a>
Android (android.graphics.Color)	<a href="#">4290487182 (0xFFBBA38E)</a>
YUV	<a href="#">167.7820, -12.7105, 16.8542</a>
Hunter-Lab	<a href="#">62.2191, 1.4921, 13.9788</a>

# Details

The Hex color **BBA38E** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **8EA6BB**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **F4DAC4**, and **856F5C** is the 20% darker color. If you saturate the color by 10%, you get **BB997B**, and if you desaturate by 10%, it is **BBADA1**.

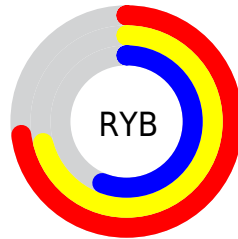
# Distribution



Red (73%)

Green (64%)

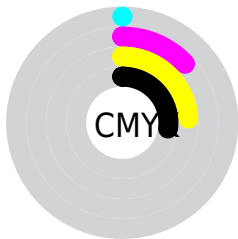
Blue (56%)



Red (73%)

Yellow (71%)

Blue (56%)

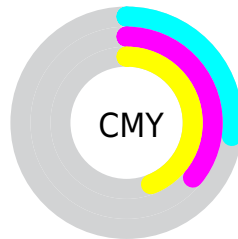


Cyan (0%)

Magenta (13%)

Yellow (24%)

Black (27%)



Cyan (27%)

Magenta (36%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBA38E 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 BBA38E by changing the saturation by 10% instead.



 BBA38E

 BBA38E

FFFFFF

 A08974

 F4DAC4

 856F5C

 FFF6E0

 6C5744

 FFFFFC

 53402E

 3B2A19

 261500

 000000

 BBA38E

 BBA38E

 BB997B

 BBADA1

 BB8F69

 BBB7B3

 BB8556

 BBC1C6

 BB7B43

 BBCBD9

 BB7131

 BBD5EC

 BB671E

 BBDFFE

 BB5D0B

 BBE9FF

 BB5700

 BBF3FF

 BBFDFF

# Harmonies

## Analogous

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



C39F97



BBA38E



AEA88C

# Triad

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



BBA38E



85AFAB



AFA2BC

# Complementary

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



BBA38E



8EA6BB

# 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.



9DA7C2



BBA38E



84AEB8

# Square

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



BBA38E



8FAE9D



8DABC0



BD9FB1

# Rectangle

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



BBA38E



A4AA8F



8DABC0



A9A4BF

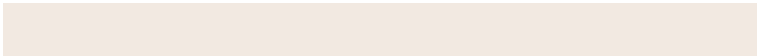


# Sweetspot

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



BBA38E



F2E9E1



BB8EA6



7A7571



FAFAFA



7A7A7A



# Same Dimension

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



BBA38E



F2CDAC



BBB98E



5E5955



9E4A00



1F0E00



# Inverse Universe

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



8EA6BB



ACD1F2



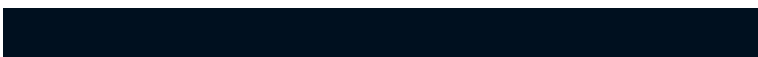
8E90BB



555A5E



00549E



00101F



# Previews

## White Background



This preview shows how the Hex color BBA38E looks on a white background.

## Color Contrast Check

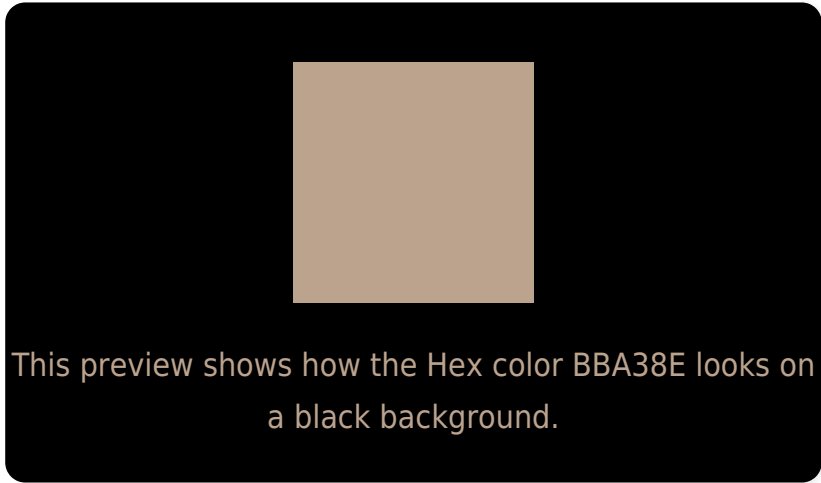
Large Text (above 18pt) WCAG AA × Fail

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

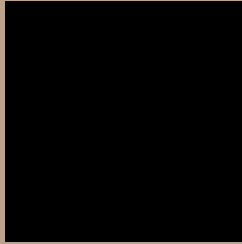
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BBA38E Background



This preview shows how black text looks on a background with the Hex color BBA38E.



This preview shows how white text looks on a background with the Hex color BBA38E.

# 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**  
BBA38E

**Protanopia**  
B0A790

**Deuteranopia**  
C0A18E



# Trichromacy



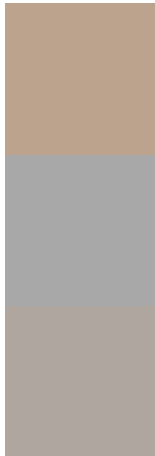
**Original Color**  
BBA38E

**Protanomaly**  
B4A68F

**Deuteranomaly**  
BEA28E

**Tritanomaly**  
BEA0A0

# Monochromacy



**Original Color**  
BBA38E

**Achromatopsia**  
A8A8A8

**Achromatomaly**  
AFA69F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBA38E 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 #BBA38E looks like.

```
.text, #text, p{  
    color:#BBA38E  
}
```

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 #BBA38E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBA38E
}
```

## Border

The CSS property to change the border of an element to Hex BBA38E 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
#BBA38E }
```

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

```
.border{ border-color:#BBA38E }
```

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

Here you see how a box with a 4 pixel #BBA38E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBA38E; -webkit-box-shadow:4px 4px  
4px 4px #BBA38E; box-shadow:4px 4px 4px  
4px #BBA38E }
```

# Background

The CSS property to change the background color of an element to Hex BBA38E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBA38E }
```

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

```
.background{ background-color:#BBA38E }
```

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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