

# Converting Colors

Hex(BBA086)

Have a look what the booklet for  
Hex(BBA086) contains.

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# **Color**

**Hex(BBA086)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBA086
RGB	187, 160, 134
RGB Percent	73%, 63%, 53%
CMY	0.2667, 0.3725, 0.4745
CMYK	0.00, 0.14, 0.28, 0.27
HSL	29°, 28%, 63%
HSV	29°, 28%, 73%
XYZ	37.3674, 37.4276, 27.8090
YIQ	165.1090, 24.4380, -2.3620

# Conversions

## Conversions Part 2

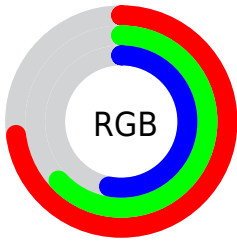
Format	Color
<a href="#">RYB</a>	<a href="#">187, 185, 134</a>
Decimal	<a href="#">12296326</a>
CIELab	<a href="#">67.60, 5.96, 17.24</a>
CIElCh	<a href="#">68, 18.239, 70.938</a>
Yxy	<a href="#">37.4276, 0.3642, 0.3648</a>
Android (android.graphics.Color)	<a href="#">4290486406</a> ( <a href="#">0xFFBBA086</a> )
YUV	<a href="#">165.1090, -15.3367, 19.1984</a>
Hunter-Lab	<a href="#">61.1781, 1.9655, 15.8739</a>

# Details

The Hex color **BBA086** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **86A1BB**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **F4D7BB**, and **856D54** is the 20% darker color. If you saturate the color by 10%, you get **BB9673**, and if you desaturate by 10%, it is **BBAA99**.

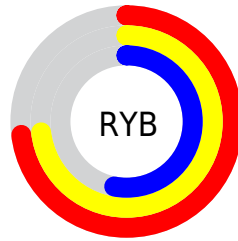
# Distribution



Red (73%)

Green (63%)

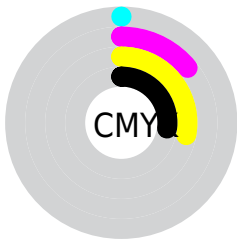
Blue (53%)



Red (73%)

Yellow (73%)

Blue (53%)

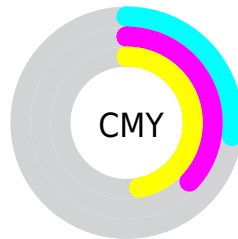


Cyan (0%)

Magenta (14%)

Yellow (28%)

Black (27%)



Cyan (27%)

Magenta (37%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBA086 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 BBA086 by changing the saturation by 10% instead.





BBA086



BBA086

FFFFFF



A0866D



F4D7BB



856D54



FFF3D7



6B543D



FFFFF3



523D27



3A2712



241300



000000



BBA086



BBA086



BB9673



BBAA99

 BB8D61

 BBB3AB

 BB834E

 BBBDBE

 BB7A3B

 BBC6D1

 BB7029

 BBD0E4

 BB6716

 BBD9F6

 BB5D03

 BBE3FF

 BB5C00

 BBECFF

 BBF6FF

# Harmonies

## Analogous

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



C59B90



BBA086



ABA584

# Triad

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



BBA086



7AAEAA



AF9EBE

# Complementary

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



BBA086



86A1BB

# 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.



9AA4C5



BBA086



79ADBA

# Square

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



BBA086



87AD99



85A9C3



BF9AB0

# Rectangle

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



BBA086



9FA988



85A9C3



A8A0C1



# Sweetspot

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



BBA086



F2E7DC



BB86A1



7A746D



FAFAFA



7A7A7A



# Same Dimension

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



BBA086



F2C8A0



BBBA86



5E5A55



9E4E00



1F0F00

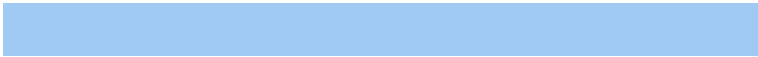


# Inverse Universe

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



86A1BB



A0CAF2



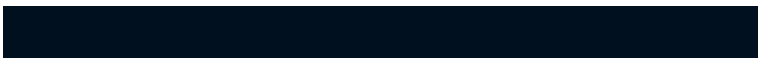
8687BB



555A5E



00519E



00101F



# Previews

## White Background



This preview shows how the Hex color BBA086 looks on a white background.

## Color Contrast Check

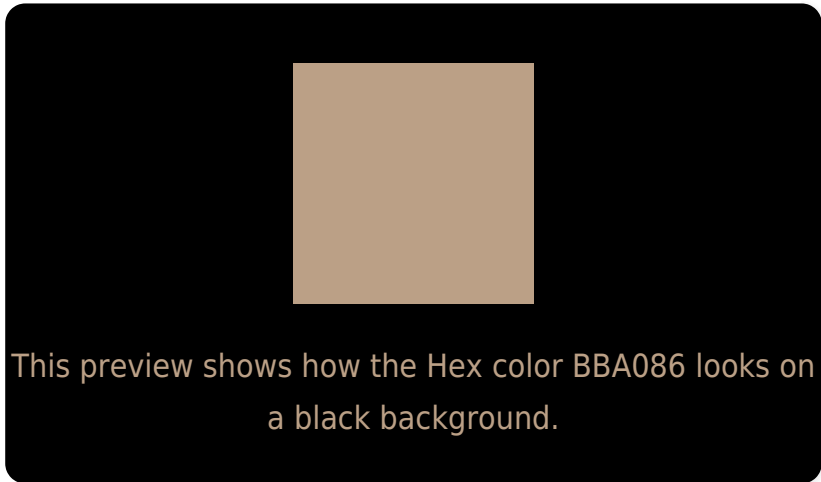
Large Text (above 18pt) WCAG AA × Fail

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

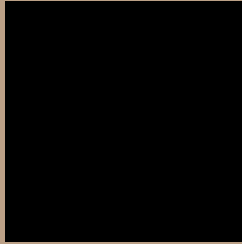
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

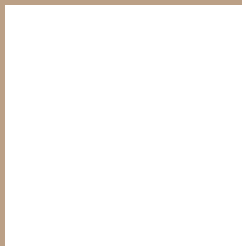
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BBA086 Background



This preview shows how black text looks on a background with the Hex color BBA086.



This preview shows how white text looks on a background with the Hex color BBA086.

# 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**  
BBA086

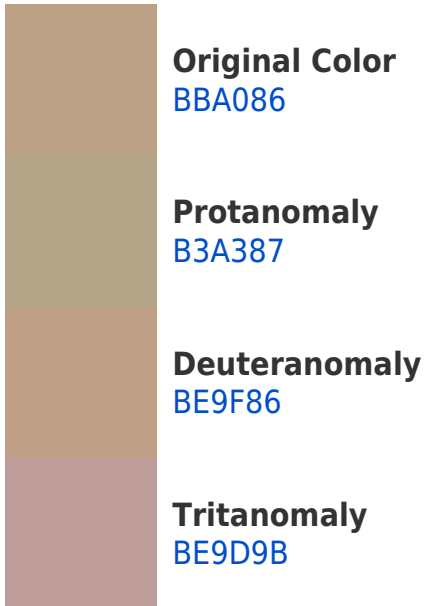
**Protanopia**  
AEA488

**Deuteranopia**  
BF9E86

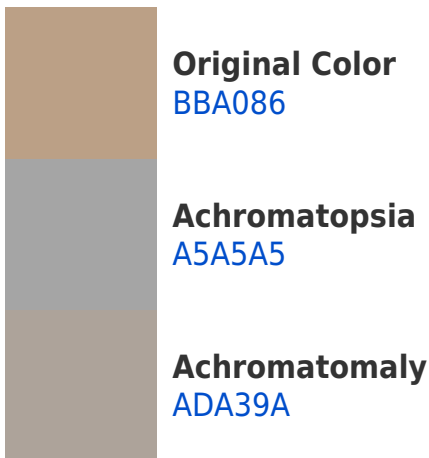


**Tritanopia**  
BF9BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBA086 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 #BBA086 looks like.

```
.text, #text, p{  
    color:#BBA086  
}
```

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 #BBA086 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBA086
}
```

## Border

The CSS property to change the border of an element to Hex BBA086 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
#BBA086 }
```

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

```
.border{ border-color:#BBA086 }
```

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

Here you see how a box with a 4 pixel #BBA086 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBA086; -webkit-box-shadow:4px 4px  
4px 4px #BBA086; box-shadow:4px 4px 4px  
4px #BBA086 }
```

# Background

The CSS property to change the background color of an element to Hex BBA086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBA086 }
```

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

```
.background{ background-color:#BBA086 }
```

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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