

# Converting Colors

Hex(BBA085)

Have a look what the booklet for  
Hex(BBA085) contains.

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# **Color**

**Hex(BBA085)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BBA085
RGB	187, 160, 133
RGB Percent	73%, 63%, 52%
CMY	0.2667, 0.3725, 0.4784
CMYK	0.00, 0.14, 0.29, 0.27
HSL	30°, 28%, 63%
HSV	30°, 29%, 73%
XYZ	37.2980, 37.3999, 27.4434
YIQ	164.9950, 24.7590, -2.6730

# Conversions

## Conversions Part 2

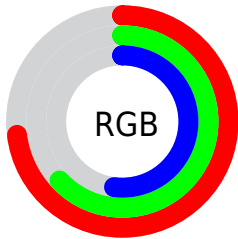
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	187, 187, 133
Decimal	12296325
CIE <sub>Lab</sub>	67.58, 5.82, 17.76
CIE <sub>LCh</sub>	68, 18.691, 71.861
Yxy	37.3999, 0.3652, 0.3662
Android (android.graphics.Color)	4290486405 (0xFFBBA085)
YUV	164.9950, -15.7735, 19.2984
Hunter-Lab	61.1554, 1.8430, 16.2025

# Details

The Hex color **BBA085** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **85A0BB**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **F4D7BA**, and **856D53** is the 20% darker color. If you saturate the color by 10%, you get **BB9772**, and if you desaturate by 10%, it is **BBA998**.

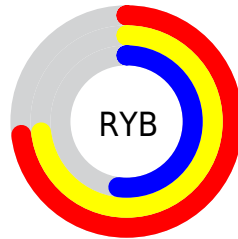
# Distribution



Red (73%)

Green (63%)

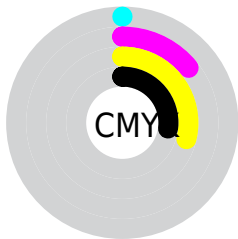
Blue (52%)



Red (73%)

Yellow (73%)

Blue (52%)

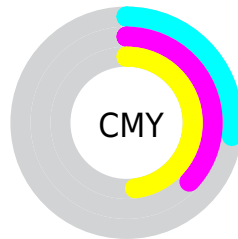


Cyan (0%)

Magenta (14%)

Yellow (29%)

Black (27%)



Cyan (27%)

Magenta (37%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBA085 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 BBA085 by changing the saturation by 10% instead.



 BBA085

 BBA085

FFFFFF

 A0866C

 F4D7BA

 856D53

 FFF3D6

 6B543C

 FFFFF2

 523D26

 3A2711

 241300

 000000

 BBA085

 BBA085

 BB9772

 BBA998

 BB8D60

 BBB3AA

 BB844D

 BBBCBD

 BB7B3A

 BBC5D0

 BB7128

 BBCFE3

 BB6815

 BBD8F5

 BB5F02

 BBE1FF

 BB5E00

 BBEBFF

 BBF4FF

# Harmonies

## Analogous

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



C59B8F



BBA085



ABA684

# Triad

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



BBA085



79AEAB



B09EBE

# Complementary

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



BBA085



85A0BB

# 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



BBA085



78ADBA

# Square

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



BBA085



85AD9A



85A9C4



C09AAF

# Rectangle

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



BBA085



9EA988



85A9C4



A9A0C1

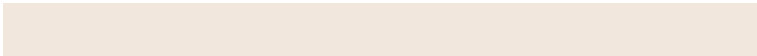


# Sweetspot

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



BBA085



F2E7DC



BB85A0



7A746D



FAFAFA



7A7A7A



# Same Dimension

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



BBA085



F2C89D



BBBB85



5E5A55



9E4F00



1F0F00



# Inverse Universe

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



85A0BB



9DC8F2



8585BB



555A5E



004F9E

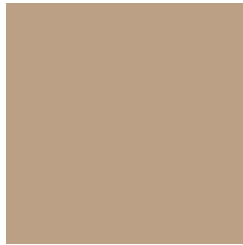


000F1F



# Previews

## White Background



This preview shows how the Hex color BBA085 looks on a white background.

## Color Contrast Check

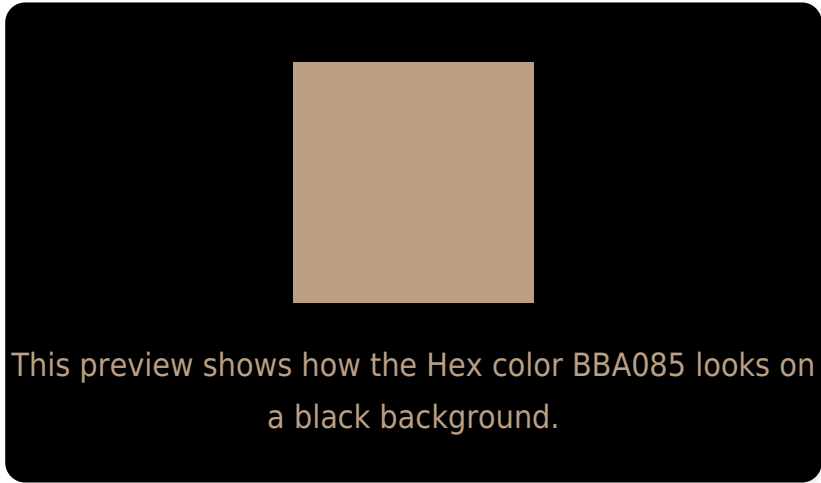
Large Text (above 18pt) WCAG AA × Fail

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 BBA085 Background



This preview shows how black text looks on a background with the Hex color BBA085.



This preview shows how white text looks on a background with the Hex color BBA085.

# 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**  
BBA085

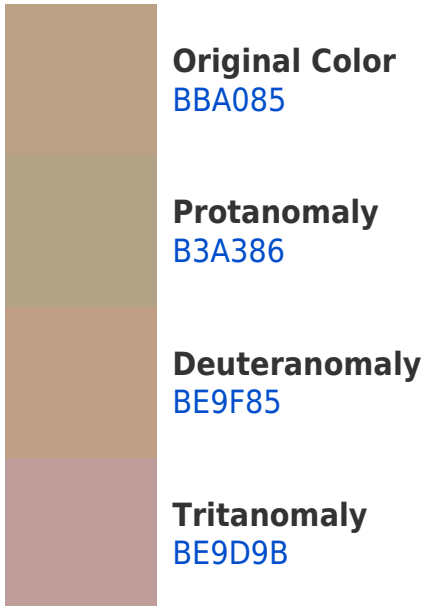
**Protanopia**  
AEA487

**Deuteranopia**  
BF9E85

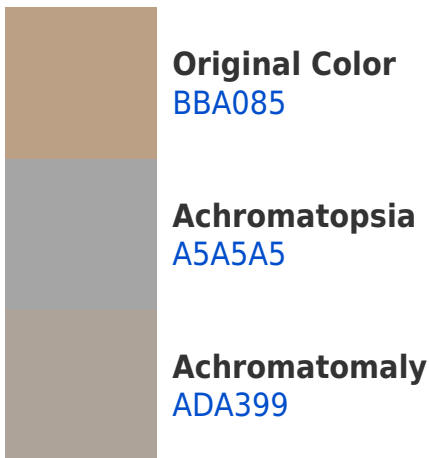


**Tritanopia**  
BF9BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBA085 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 #BBA085 looks like.

```
.text, #text, p{  
    color:#BBA085  
}
```

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 #BBA085 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBA085
}
```

## Border

The CSS property to change the border of an element to Hex BBA085 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
#BBA085 }
```

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

```
.border{ border-color:#BBA085 }
```

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

Here you see how a box with a 4 pixel #BBA085 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBA085; -webkit-box-shadow:4px 4px  
4px 4px #BBA085; box-shadow:4px 4px 4px  
4px #BBA085 }
```

# Background

The CSS property to change the background color of an element to Hex BBA085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBA085 }
```

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

```
.background{ background-color:#BBA085 }
```

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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