

# Converting Colors

Hex(BBAF80)

Have a look what the booklet for  
Hex(BBAF80) contains.

<b>Hex(BBAF80)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(BBAF80)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBAF80
RGB	187, 175, 128
RGB Percent	73%, 69%, 50%
CMY	0.2667, 0.3137, 0.4980
CMYK	0.00, 0.06, 0.32, 0.27
HSL	48°, 30%, 62%
HSV	48°, 32%, 73%
XYZ	39.7198, 42.7833, 26.5866
YIQ	173.2300, 22.2390, -12.0730

# Conversions

## Conversions Part 2

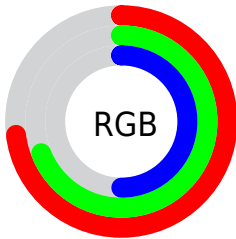
<b>Format</b>	<b>Color</b>
<b>RYB</b>	143, 187, 128
Decimal	12300160
CIELab	71.41, -2.94, 25.70
CIELCh	71, 25.864, 96.526
Yxy	42.7833, 0.3641, 0.3922
Android (android.graphics.Color)	4290490240 (0xFFBBAF80)
YUV	173.2300, -22.2984, 12.0763
Hunter-Lab	65.4089, -6.0709, 21.6868

# Details

The Hex color **BBAF80** is a light color, and the websafe version is hex **999966**. A complement of this color would be **808CBB**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **F4E6B5**, and **857B4E** is the 20% darker color. If you saturate the color by 10%, you get **BBAB6D**, and if you desaturate by 10%, it is **BBB393**.

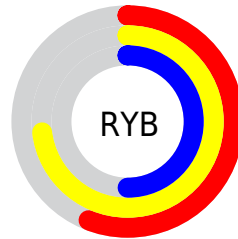
# Distribution



Red (73%)

Green (69%)

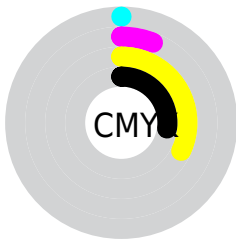
Blue (50%)



Red (56%)

Yellow (73%)

Blue (50%)

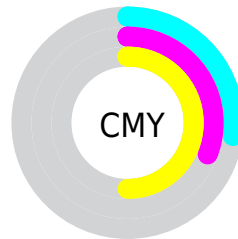


Cyan (0%)

Magenta (6%)

Yellow (32%)

Black (27%)



Cyan (27%)

Magenta (31%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBAF80 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 BBAF80 by changing the saturation by 10% instead.



 BBAF80

 BBAF80

FFFFFF

 A09467

 F4E6B5

 857B4E

 FFFFFD1

 6B6237

 FFFFFED

 524A21

 3A340A

 241F00

 000700

 000000

 BBAF80

 BBAF80

 BBAB6D

 BBB393

 BBA75B

 BBB7A5

 BBA448

 BBBAB8

 BBA035

 BBBECEB

 BB9C23

 BBC2DE

 BB9810

 BBC6F0

 BB9500

 BBCAFF

 BBCDFE

 BBD1FF

# Harmonies

## Analogous

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



D0A784



BBAF80



A1B689

# Triad

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



BBAF80



6ABBCA



D2A0C2

# Complementary

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



BBAF80



808CBB

# 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.



B9A7D5



BBAF80



7AB6D9

# Square

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



BBAF80



70BCB3



99AFDD



DE9EAA

# Rectangle

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



BBAF80



8FB994



99AFDD



CBA2C9



# Sweetspot

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



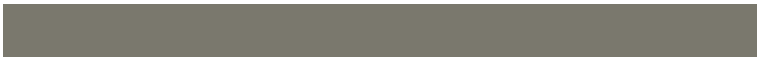
BBAF80



F2EEDC



BB808D



7A786D



FAFAFA



7A7A7A



# Same Dimension

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



BBAF80



F2E096



AABB80



5E5C55



9E7E00



1F1800



# Inverse Universe

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



808CBB



96A9F2



9180BB



55575E



00209E



00061F



# Previews

## White Background



This preview shows how the Hex color BBAF80 looks on a white background.

## Color Contrast Check

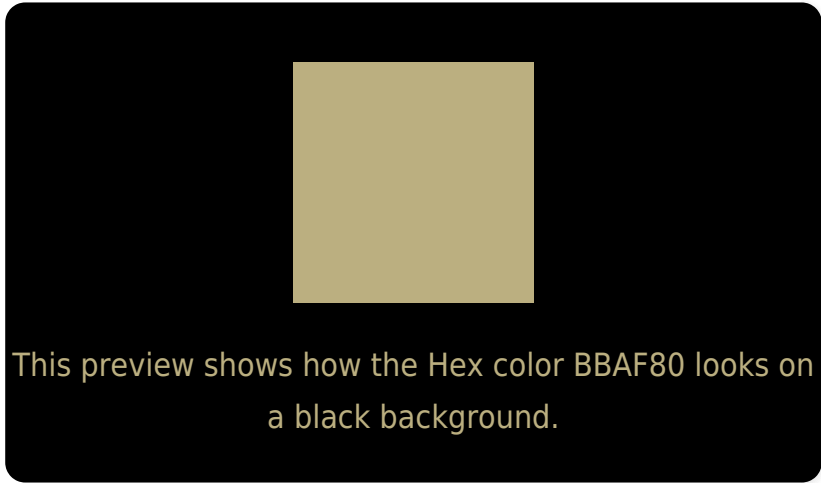
Large Text (above 18pt) WCAG AA × Fail

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

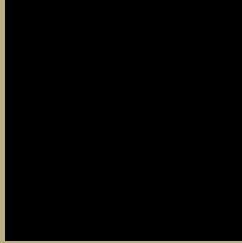
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

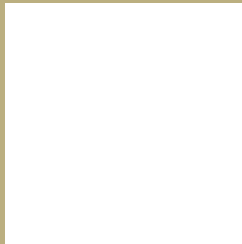
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BBAF80 Background



This preview shows how black text looks on a background with the Hex color BBAF80.

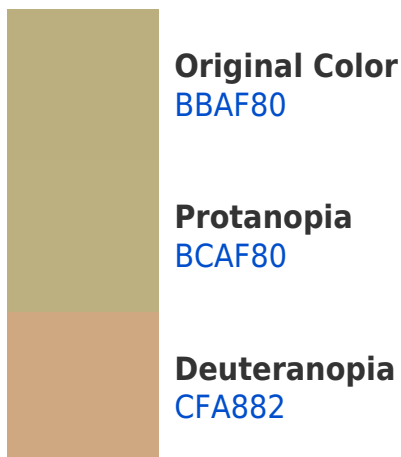


This preview shows how white text looks on a background with the Hex color BBAF80.

# 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](#).

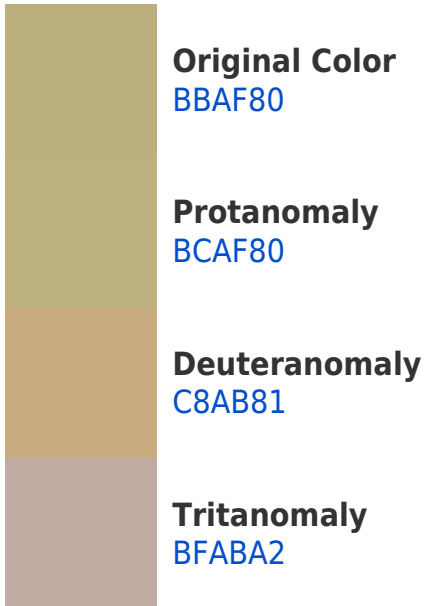
## Dichromacy



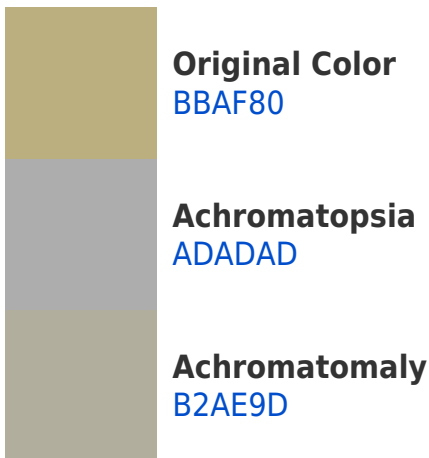


**Tritanopia**  
C1A8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBAF80 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 #BBAF80 looks like.

```
.text, #text, p{  
    color:#BBAF80  
}
```

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 #BBAF80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBAF80
}
```

## Border

The CSS property to change the border of an element to Hex BBAF80 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
#BBAF80 }
```

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

```
.border{ border-color:#BBAF80 }
```

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

Here you see how a box with a 4 pixel #BBAF80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBAF80; -webkit-box-shadow:4px 4px  
4px 4px #BBAF80; box-shadow:4px 4px 4px  
4px #BBAF80 }
```

# Background

The CSS property to change the background color of an element to Hex BBAF80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBAF80 }
```

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

```
.background{ background-color:#BBAF80 }
```

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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