

# Converting Colors

Hex(BBBAAA)

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

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# **Color**

**Hex(BBBAAA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBBAAA
RGB	187, 186, 170
RGB Percent	73%, 73%, 67%
CMY	0.2667, 0.2706, 0.3333
CMYK	0.00, 0.01, 0.09, 0.27
HSL	56°, 11%, 70%
HSV	56°, 9%, 73%
XYZ	45.3081, 48.5849, 45.0200
YIQ	184.4750, 5.7320, -4.7640

# Conversions

## Conversions Part 2

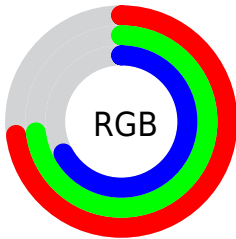
Format	Color
<a href="#">RYB</a>	<a href="#">171, 187, 170</a>
Decimal	<a href="#">12303018</a>
CIELab	<a href="#">75.19, -2.49, 8.23</a>
CIELCh	<a href="#">75, 8.598, 106.801</a>
Yxy	<a href="#">48.5849, 0.3262, 0.3498</a>
Android (android.graphics.Color)	<a href="#">4290493098</a> ( <a href="#">0xFFBBBAAA</a> )
YUV	<a href="#">184.4750, -7.1362, 2.2144</a>
Hunter-Lab	<a href="#">69.7029, -5.9518, 10.4975</a>

# Details

The Hex color **BBBAAA** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **AAABBB**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **F3F2E1**, and **868576** is the 20% darker color. If you saturate the color by 10%, you get **BBB997**, and if you desaturate by 10%, it is **BBBBBD**.

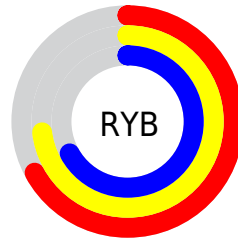
# Distribution



Red (73%)

Green (73%)

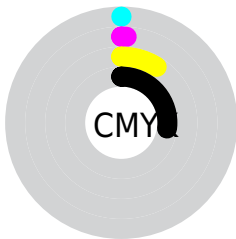
Blue (67%)



Red (67%)

Yellow (73%)

Blue (67%)

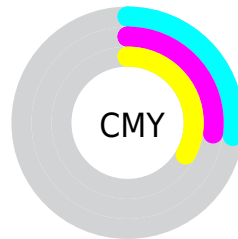


Cyan (0%)

Magenta (1%)

Yellow (9%)

Black (27%)



Cyan (27%)

Magenta (27%)

Yellow (33%)

# Brightness & Saturation Gradients

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





BBBAAA



BBBAAA

FFFFFF



A09F90



F3F2E1



868576

FFFFFFE



6C6C5D



545446



3D3C2F



27271A



131200



000000



BBBAAA



BBBAAA

■ BBB997

■ BBBBBD

■ BBB885

■ BBBCCF

■ BBB772

■ BBBDE2

■ BBB65F

■ BBBEF5

■ BBB54C

■ BBBFFF

■ BBB33A

■ BBC1FF

■ BBB227

■ BBC2FF

■ BBB114

■ BBC3FF

■ BBB002

■ BBC4FF

# Harmonies

## Analogous

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



C3B7AA



BBBAAA



B2BCAE

# Triad

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



BBBAAA



A7BDC4



C7B4BD

# Complementary

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



BBBAAA



AAABBB

# 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.



C0B6C4



BBBAAA



ADBBC8

# Square

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



BBBAAA



A6BEBD



B7B8C8



CBB4B5

# Rectangle

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



BBBAAA



ACBDB3



B7B8C8



C5B5C0



# Sweetspot

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



BBBAAA



F2F2EB



BBAAAB



7A7A76



FAFAFA



7A7A7A



# Same Dimension

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



BBBAAA



F2F1D8



B4BBAA



5E5E55



9E9500



1F1D00



# Inverse Universe

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



AAABBB



D8D9F2



B1AABB



55555E



00099E



00021F



# Previews

## White Background



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

## Color Contrast Check

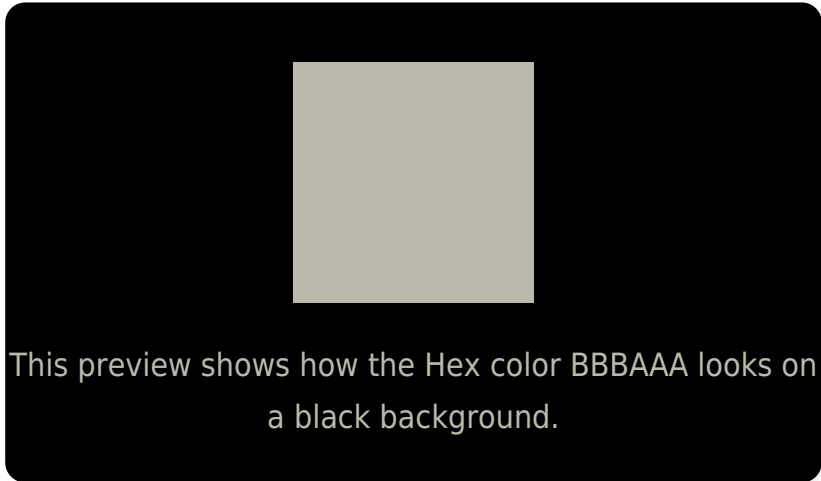
Large Text (above 18pt) WCAG AA × Fail

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

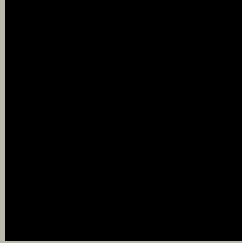
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

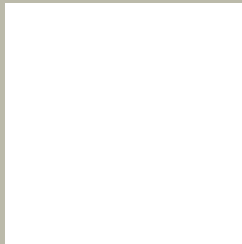
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BBAAA Background



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

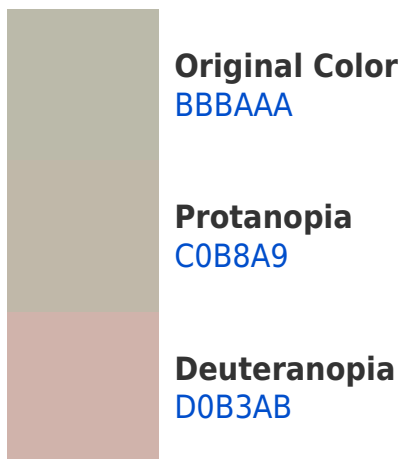


This preview shows how white text looks on a background with the Hex color BBAAA.

# 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**  
BFB6C4

# Trichromacy



**Original Color**

BBBAAA

**Protanomaly**

BEB9A9

**Deuteranomaly**

C8B6AB

**Tritanomaly**

BEB7BB

# Monochromacy



**Original Color**

BBBAAA

**Achromatopsia**

B8B8B8

**Achromatomaly**

B9B9B3

# CSS Examples

## Text

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

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

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 #BBBAAA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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