

# Converting Colors

Hex(BB856B)

Have a look what the booklet for  
Hex(BB856B) contains.

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**Color**

**Hex(BB856B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BB856B
RGB	187, 133, 107
RGB Percent	73%, 52%, 42%
CMY	0.2667, 0.4784, 0.5804
CMYK	0.00, 0.29, 0.43, 0.27
HSL	20°, 37%, 58%
HSV	20°, 43%, 73%
XYZ	31.5349, 28.4014, 17.7299
YIQ	146.1820, 40.5300, 3.3620

# Conversions

## Conversions Part 2

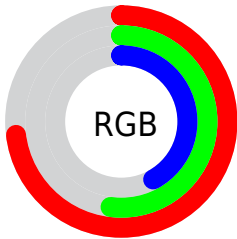
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	187, 146, 107
Decimal	12289387
CIE <sub>Lab</sub>	60.25, 17.48, 22.25
CIE <sub>LCh</sub>	60, 28.296, 51.848
Yxy	28.4014, 0.4060, 0.3657
Android (android.graphics.Color)	4290479467 (0xFFBB856B)
YUV	146.1820, -19.3167, 35.7974
Hunter-Lab	53.2930, 12.3606, 17.5801

# Details

The Hex color **BB856B** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **6BA1BB**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **F5BA9F**, and **84533B** is the 20% darker color. If you saturate the color by 10%, you get **BB7858**, and if you desaturate by 10%, it is **BB927E**.

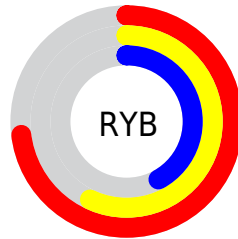
# Distribution



Red (73%)

Green (52%)

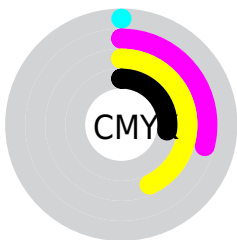
Blue (42%)



Red (73%)

Yellow (57%)

Blue (42%)

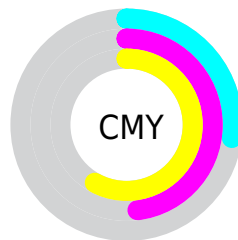


Cyan (0%)

Magenta (29%)

Yellow (43%)

Black (27%)



Cyan (27%)

Magenta (48%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB856B 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 BB856B by changing the saturation by 10% instead.



 BB856B

 BB856B

FFFFFF

 9F6C53

 F5BA9F

 84533B

 FFD6BA

 693C25

 FFF3D5

 4F2610

 FFFFF2

 361000

 200001

 000000

 BB856B

 BB856B

 BB7858

 BB927E

 BB6C46

 BB9E90

 BB5F33

 BBABA3

 BB5320

 BBB7B6

 BB460D

 BBC4C9

 BB3D00

 BBD1DB

 BBDDEE

 BBFAFF

 BBF7FF

# Harmonies

## Analogous

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



C37F80



BB856B



A98D60

# Triad

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



BB856B



569E89



8B8DBF

# Complementary

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



BB856B



6BA1BB

# 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.



6596C2



BB856B



409FA3

# Square

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



BB856B



739B72



459CB8



AA85B0

# Rectangle

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



BB856B



999360



459CB8



7F90C2

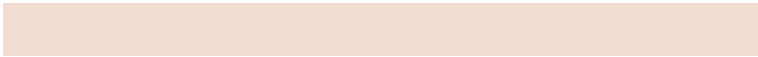


# Sweetspot

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



BB856B



F2DDD3



BB6BA2



7A6D67



FAFAFA



7A7A7A



# Same Dimension

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



BB856B



F29F77



BBAC6B



5E5855



9E3300



1F0A00



# Inverse Universe

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



6BA1BB



77CAF2



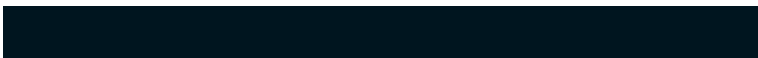
6B7ABB



555B5E



006B9E



00151F



# Previews

## White Background



This preview shows how the Hex color BB856B looks on a white background.

## Color Contrast Check

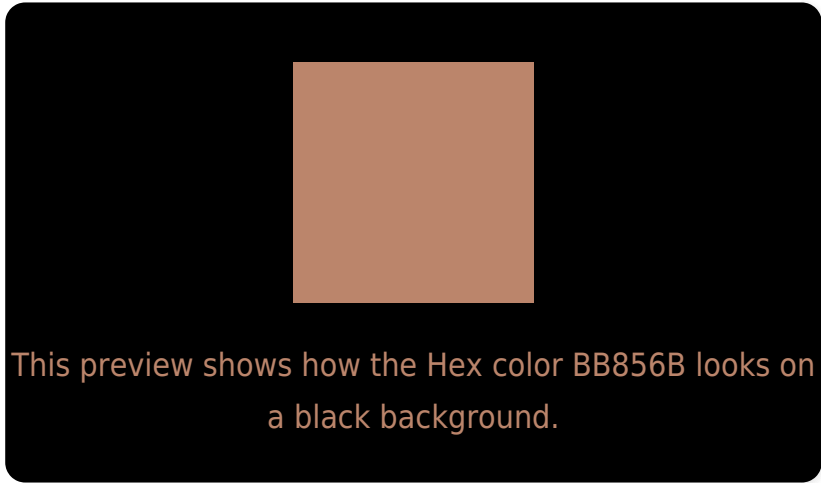
Large Text (above 18pt) WCAG AA ✓ Pass

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

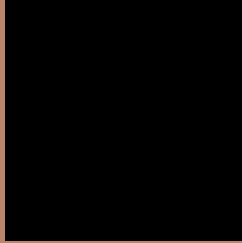
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BB856B Background



This preview shows how black text looks on a background with the Hex color BB856B.



This preview shows how white text looks on a background with the Hex color BB856B.

# 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**  
BB856B

**Protanopia**  
9B9171

**Deuteranopia**  
AC8B6A

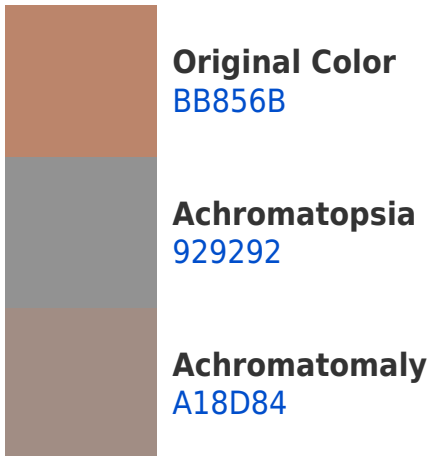


**Tritanopia**  
BE818A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB856B 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 #BB856B looks like.

```
.text, #text, p{  
    color:#BB856B  
}
```

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 #BB856B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB856B
}
```

## Border

The CSS property to change the border of an element to Hex BB856B 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
#BB856B }
```

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

```
.border{ border-color:#BB856B }
```

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

Here you see how a box with a 4 pixel #BB856B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB856B; -webkit-box-shadow:4px 4px  
4px 4px #BB856B; box-shadow:4px 4px 4px  
4px #BB856B }
```

# Background

The CSS property to change the background color of an element to Hex BB856B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB856B }
```

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

```
.background{ background-color:#BB856B }
```

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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