

# Converting Colors

Hex(BB803D)

Have a look what the booklet for  
Hex(BB803D) contains.

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**Color**

**Hex(BB803D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BB803D
RGB	187, 128, 61
RGB Percent	73%, 50%, 24%
CMY	0.2667, 0.4980, 0.7608
CMYK	0.00, 0.32, 0.67, 0.27
HSL	32°, 51%, 49%
HSV	32°, 67%, 73%
XYZ	29.0550, 26.3401, 7.9677
YIQ	138.0030, 56.6710, -8.3290

# Conversions

## Conversions Part 2

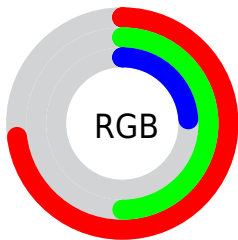
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	172, 187, 61
Decimal	12288061
CIE Lab	58.36, 16.31, 44.55
CIE LCh	58, 47.442, 69.893
Yxy	26.3401, 0.4586, 0.4157
Android (android.graphics.Color)	4290478141 (0xFFBB803D)
YUV	138.0030, -37.9625, 42.9704
Hunter-Lab	51.3226, 11.2388, 26.7212

# Details

The Hex color **BB803D** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3D78BB**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **F7B56F**, and **824F09** is the 20% darker color. If you saturate the color by 10%, you get **BB772A**, and if you desaturate by 10%, it is **BB8950**.

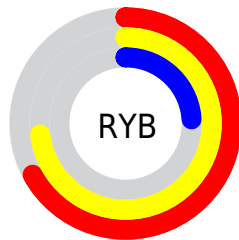
# Distribution



Red (73%)

Green (50%)

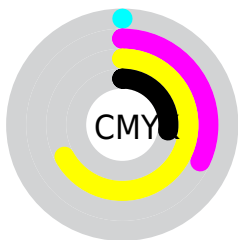
Blue (24%)



Red (67%)

Yellow (73%)

Blue (24%)

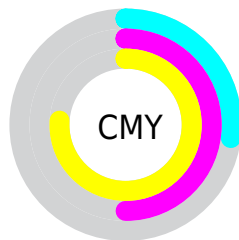


Cyan (0%)

Magenta (32%)

Yellow (67%)

Black (27%)



Cyan (27%)

Magenta (50%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB803D 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 BB803D by changing the saturation by 10% instead.



 BB803D

 BB803D

FFFFFF

 9E6724

 F7B56F

 824F09

 FFD089

 663800

 FFEDA4

 4B2200

 FFFFC0

 300E00

 FFFFDC

 150000

 FFFFF9

 000000

 BB803D

 BB803D

 BB772A

 BB8950

 BB6E18

 BB9262

 BB6605

 BB9A75

 BB6300

 BBA388

 BBAC9B

 BBB5AD

 BBBDC0

 BBC6D3

 BBCFE5

# Harmonies

## Analogous

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



D37159



BB803D



978F36

# Triad

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



BB803D



00A199



A17CCC

# Complementary

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



BB803D



3D78BB

# 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.



5C8CDE



BB803D



009FC1

# Square

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



BB803D



249F6E



0098DA



CA6DAA

# Rectangle

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



BB803D



7A9641



0098DA



8E81D5



# Sweetspot

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



BB803D



F2DCC2



BB3D7A



7A6D5D



FAFAFA



7A7A7A



# Same Dimension

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



BB803D



F2962E



B9BB3D



5E5A55



9E5400



1F1000



# Inverse Universe

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



3D78BB



2E8AF2



3F3DBB



55595E



004A9E



000E1F



# Previews

## White Background



This preview shows how the Hex color BB803D looks on a white background.

## Color Contrast Check

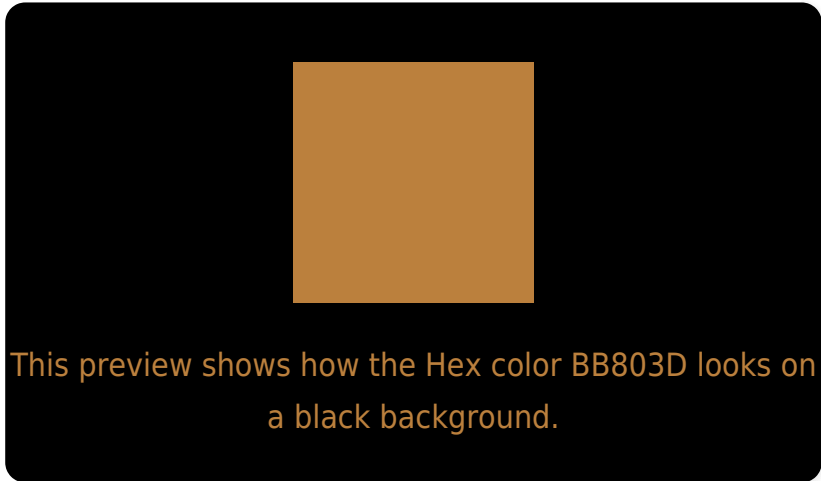
Large Text (above 18pt) WCAG AA ✓ Pass

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 BB803D Background



This preview shows how black text looks on a background with the Hex color BB803D.



This preview shows how white text looks on a background with the Hex color BB803D.

# 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**  
BB803D

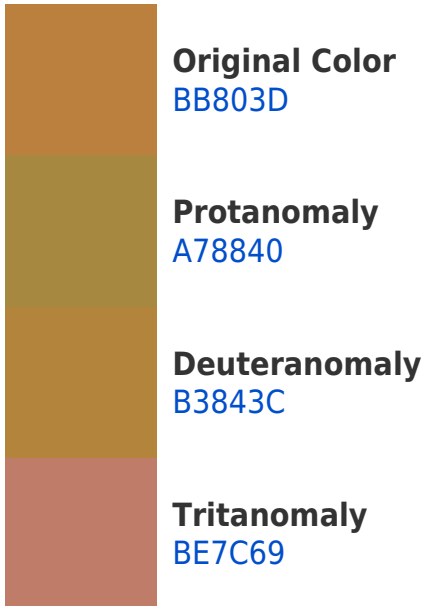
**Protanopia**  
9C8D41

**Deuteranopia**  
AF863B



**Tritanopia**  
C07982

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB803D 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 #BB803D looks like.

```
.text, #text, p{  
    color:#BB803D  
}
```

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 #BB803D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB803D
}
```

## Border

The CSS property to change the border of an element to Hex BB803D 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
#BB803D }
```

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

```
.border{ border-color:#BB803D }
```

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

Here you see how a box with a 4 pixel #BB803D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB803D; -webkit-box-shadow:4px 4px  
4px 4px #BB803D; box-shadow:4px 4px 4px  
4px #BB803D }
```

# Background

The CSS property to change the background color of an element to Hex BB803D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB803D }
```

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

```
.background{ background-color:#BB803D }
```

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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