

# Converting Colors

Hex(BC893B)

Have a look what the booklet for  
Hex(BC893B) contains.

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**Color**

**Hex(BC893B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BC893B
RGB	188, 137, 59
RGB Percent	74%, 54%, 23%
CMY	0.2627, 0.4627, 0.7686
CMYK	0.00, 0.27, 0.69, 0.26
HSL	36°, 52%, 48%
HSV	36°, 69%, 74%
XYZ	30.4741, 28.8985, 8.1095
YIQ	143.3570, 55.4340, -13.4460

# Conversions

## Conversions Part 2

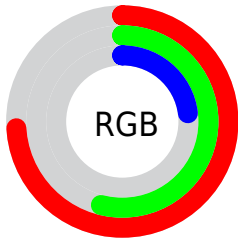
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">143, 188, 59</a>
Decimal	<a href="#">12355899</a>
<a href="#">CIELab</a>	<a href="#">60.69, 11.65, 48.08</a>
<a href="#">CIElCh</a>	<a href="#">61, 49.471, 76.382</a>
<a href="#">Yxy</a>	<a href="#">28.8985, 0.4516, 0.4282</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4290545979 (0xFFBC893B)</a>
<a href="#">YUV</a>	<a href="#">143.3570, -41.5880, 39.1519</a>
<a href="#">Hunter-Lab</a>	<a href="#">53.7573, 7.1135, 28.6860</a>

# Details

The Hex color **BC893B** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **3B6EBC**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **F7BE6E**, and **835703** is the 20% darker color. If you saturate the color by 10%, you get **BC8228**, and if you desaturate by 10%, it is **BC904E**.

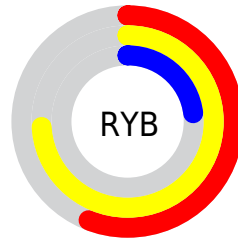
# Distribution



Red (74%)

Green (54%)

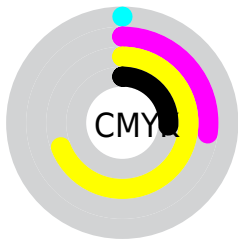
Blue (23%)



Red (56%)

Yellow (74%)

Blue (23%)

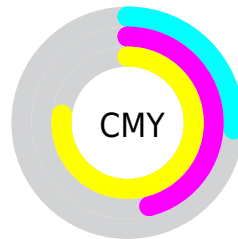


Cyan (0%)

Magenta (27%)

Yellow (69%)

Black (26%)



Cyan (26%)

Magenta (46%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC893B 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 BC893B by changing the saturation by 10% instead.



 BC893B

 BC893B

FFFFFF

 9F7022

 F7BE6E

 835703

 FFDA88

 674000

 FFF6A3

 4C2A00

 FFFFBF

 321600

 FFFFDB

 1A0000

 FFFFF8

 000000

 BC893B

 BC893B

 BC8228

 BC904E

 BC7A15

 BC9861

 BC7303

 BC9F73

 BC7200

 BCA786

 BC9E99

 BCB6AC

 BCBDBF

 BCC4D1

 BCCCE4

# Harmonies

## Analogous

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



D87955



BC893B



94973A

# Triad

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



BC893B



00A8AA



B47DCF

# Complementary

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



BC893B



3B6EBC

# 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.



728FE6



BC893B



00A5D1

# Square

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



BC893B



00A77C



009DE7



D96FA8

# Rectangle

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



BC893B



749F49



009DE7



A283D9

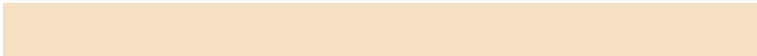


# Sweetspot

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



BC893B



F5E0C1



BC3B6F



7A6E5C



FAFAFA



7A7A7A



# Same Dimension

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



BC893B



F5A52C



AFBC3B



5E5B55



9E6000



1F1300



# Inverse Universe

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



3B6EBC



2C7BF5



483BBC



55595E



003F9E

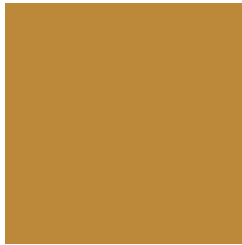


000C1F



# Previews

## White Background



This preview shows how the Hex color BC893B looks on a white background.

## Color Contrast Check

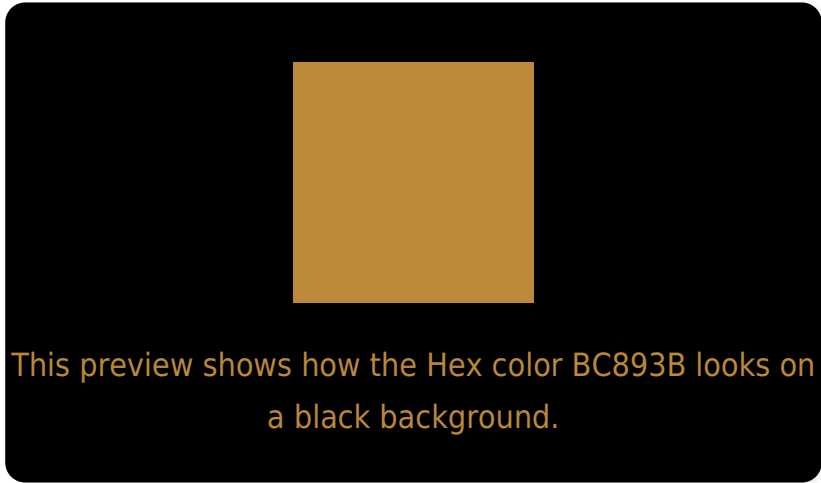
Large Text (above 18pt) WCAG AA ✓ Pass

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 BC893B Background



This preview shows how black text looks on a background with the Hex color BC893B.



This preview shows how white text looks on a background with the Hex color BC893B.

# 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**  
BC893B

**Protanopia**  
A3933E

**Deuteranopia**  
B78B3A



**Tritanopia**  
C2818A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC893B 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 #BC893B looks like.

```
.text, #text, p{  
    color:#BC893B  
}
```

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 #BC893B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC893B
}
```

## Border

The CSS property to change the border of an element to Hex BC893B 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
#BC893B }
```

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

```
.border{ border-color:#BC893B }
```

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

Here you see how a box with a 4 pixel #BC893B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC893B; -webkit-box-shadow:4px 4px  
4px 4px #BC893B; box-shadow:4px 4px 4px  
4px #BC893B }
```

# Background

The CSS property to change the background color of an element to Hex BC893B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC893B }
```

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

```
.background{ background-color:#BC893B }
```

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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