

# Converting Colors

Hex(BE833B)

Have a look what the booklet for  
Hex(BE833B) contains.

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# Color

Hex(BE833B)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE833B
RGB	190, 131, 59
RGB Percent	75%, 51%, 23%
CMY	0.2549, 0.4863, 0.7686
CMYK	0.00, 0.31, 0.69, 0.25
HSL	33°, 53%, 49%
HSV	33°, 69%, 75%
XYZ	30.1409, 27.4955, 7.8562
YIQ	140.4330, 58.2760, -9.8840

# Conversions

## Conversions Part 2

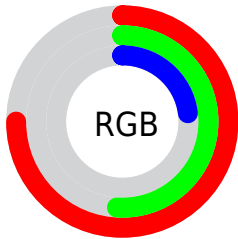
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	166, 190, 59
Decimal	12485435
CIE <sub>Lab</sub>	59.43, 15.83, 46.79
CIE <sub>LCh</sub>	59, 49.397, 71.303
Yxy	27.4955, 0.4602, 0.4198
Android (android.graphics.Color)	4290675515 (0xFFBE833B)
YUV	140.4330, -40.1465, 43.4703
Hunter-Lab	52.4362, 10.8406, 27.8222

# Details

The Hex color **BE833B** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **3B76BE**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FAB86D**, and **845205** is the 20% darker color. If you saturate the color by 10%, you get **BE7A28**, and if you desaturate by 10%, it is **BE8C4E**.

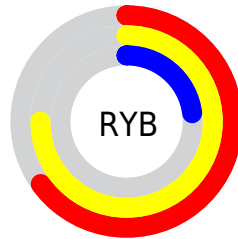
# Distribution



Red (75%)

Green (51%)

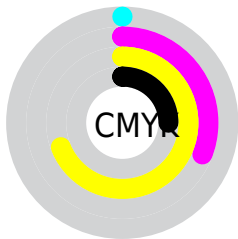
Blue (23%)



Red (65%)

Yellow (75%)

Blue (23%)

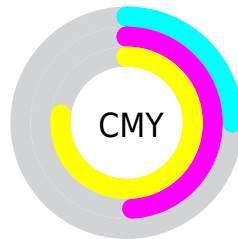


Cyan (0%)

Magenta (31%)

Yellow (69%)

Black (25%)



Cyan (25%)

Magenta (49%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BE833B 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 BE833B by changing the saturation by 10% instead.



 BE833B

 BE833B

FFFFFF

 A16A22

 FAB86D

 845205

 FFD488

 693A00

 FFF0A3

 4D2500

 FFFFBE

 321000

 FFFFDA

 1A0001

 FFFFF7

 000000

 BE833B

 BE833B

 BE7A28

 BE8C4E

 BE7215

 BE9461

 BE6902

 BE9D74

 BE6800

 BEA587

 BEAE9A

 BEB6AD

 BEBFC0

 BEC7D3

 BED0E6

# Harmonies

## Analogous

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



D87358



BE833B



989235

# Triad

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



BE833B



00A59F



A77DD1

# Complementary

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



BE833B



3B76BE

# 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.



608EE4



BE833B



00A3C7

# Square

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



BE833B



15A372



009BE1



D16DAC

# Rectangle

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



BE833B



7A9A41



009BE1



9483DA



# Sweetspot

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



BE833B



F7E0C3



BE3B78



7D6F5E



FCFCFC



7D7D7D



# Same Dimension

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



BE833B



F79B2A



BABE3B



5E5A55



9E5700



1F1100



# Inverse Universe

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



3B76BE



2A87F7



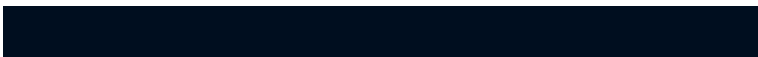
3F3BBE



55595E



00479E



000E1F



# Previews

## White Background



This preview shows how the Hex color BE833B looks on a white background.

## Color Contrast Check

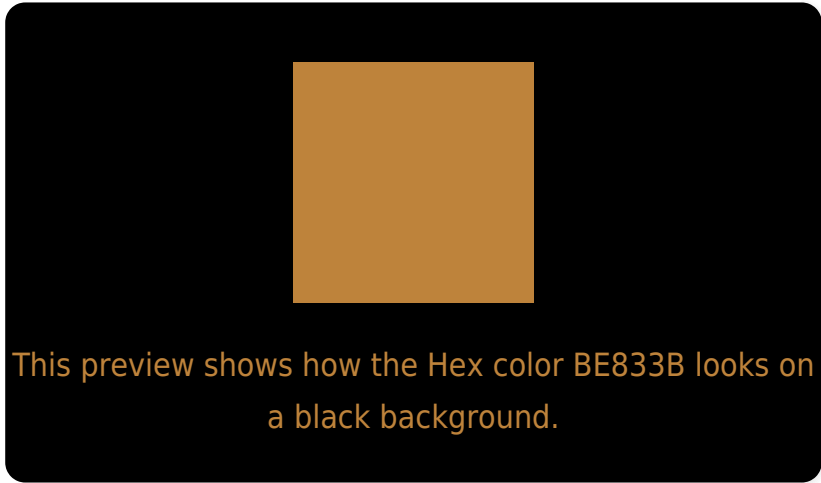
Large Text (above 18pt) WCAG AA ✓ Pass

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 BE833B Background



This preview shows how black text looks on a background with the Hex color BE833B.



This preview shows how white text looks on a background with the Hex color BE833B.

# 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**  
BE833B

**Protanopia**  
9F903F

**Deuteranopia**  
B28839



**Tritanopia**  
C37B84

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BE833B 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 #BE833B looks like.

```
.text, #text, p{  
    color:#BE833B  
}
```

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 #BE833B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE833B
}
```

## Border

The CSS property to change the border of an element to Hex BE833B 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
#BE833B }
```

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

```
.border{ border-color:#BE833B }
```

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

Here you see how a box with a 4 pixel #BE833B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE833B; -webkit-box-shadow:4px 4px  
4px 4px #BE833B; box-shadow:4px 4px 4px  
4px #BE833B }
```

# Background

The CSS property to change the background color of an element to Hex BE833B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE833B }
```

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

```
.background{ background-color:#BE833B }
```

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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