

# Converting Colors

Hex(BE742E)

Have a look what the booklet for  
Hex(BE742E) contains.

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# Color

Hex(BE742E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE742E
RGB	190, 116, 46
RGB Percent	75%, 45%, 18%
CMY	0.2549, 0.5451, 0.8196
CMYK	0.00, 0.39, 0.76, 0.25
HSL	29°, 61%, 46%
HSV	29°, 76%, 75%
XYZ	27.9737, 23.6352, 5.6724
YIQ	130.1460, 66.5740, -6.0820

# Conversions

## Conversions Part 2

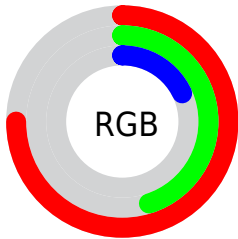
Format	Color
R <sub>Y</sub> B	190, 182, 46
Decimal	12481582
CIE Lab	55.72, 23.45, 48.96
CIE LCh	56, 54.285, 64.409
Yxy	23.6352, 0.4884, 0.4126
Android (android.graphics.Color)	4290671662 (0xFFBE742E)
YUV	130.1460, -41.4840, 52.4920
Hunter-Lab	48.6160, 17.6311, 27.1134

# Details

The Hex color **BE742E** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **2E78BE**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FBA860**, and **834300** is the 20% darker color. If you saturate the color by 10%, you get **BE6A1B**, and if you desaturate by 10%, it is **BE7E41**.

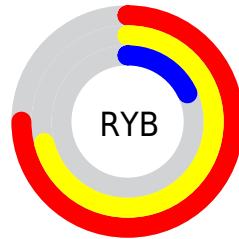
# Distribution



Red (75%)

Green (45%)

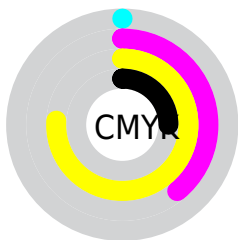
Blue (18%)



Red (75%)

Yellow (71%)

Blue (18%)

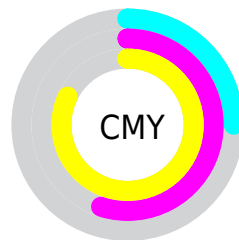


Cyan (0%)

Magenta (39%)

Yellow (76%)

Black (25%)



Cyan (25%)

Magenta (55%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BE742E 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 BE742E by changing the saturation by 10% instead.



 BE742E

 BE742E

FFFFFF

 A05B14

 FBA860

 834300

 FFC47A

 672C00

 FFE095

 4B1600

 FFFCB0

 300000

 FFFFCC

 0D0000

 FFFFEE

 000000

 BE742E

 BE742E

 BE6A1B

 BE7E41

 BE6008

 BE8854

 BE5C00

 BE9167

 BE9B7A

 BEA58D

 BEAFA0

 BEB8B3

 BEC2C6

 BECCD9

# Harmonies

## Analogous

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



D66253



BE742E



98851D

# Triad

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



BE742E



009C8B



9076D4

# Complementary

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



BE742E



2E78BE

# 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.



1E89E4



BE742E



009BBA

# Square

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



BE742E



08995B



0095DA



C462AF

# Rectangle

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



BE742E



798E27



0095DA



777DDC



# Sweetspot

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



BE742E



F7DABE



BE2E78



7D6B5A



FCFCFC



7D7D7D



# Same Dimension

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



BE742E



F78416



BEBC2E



5E5A55



9E4D00



1F0F00



# Inverse Universe

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



2E78BE



168AF7



2E30BE



555A5E



00519E



00101F



# Previews

## White Background



This preview shows how the Hex color BE742E looks on a white background.

## Color Contrast Check

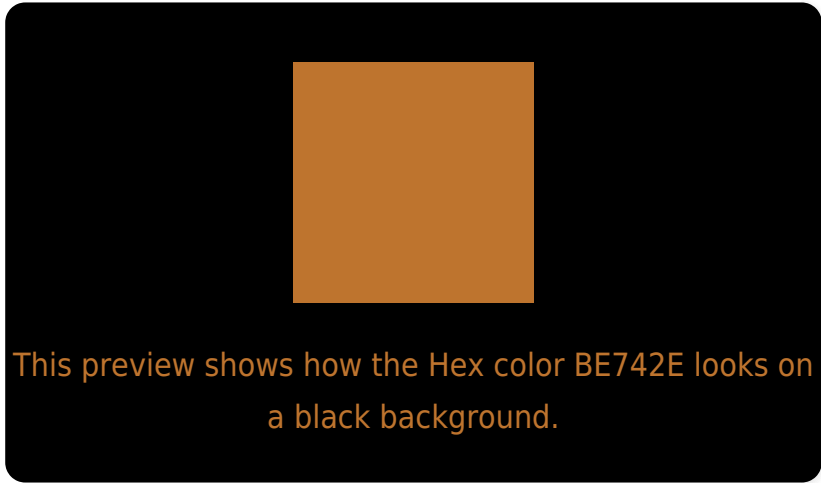
Large Text (above 18pt) WCAG AA ✓ Pass

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

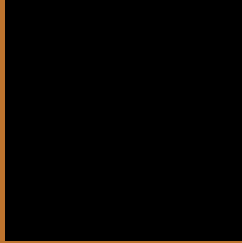
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BE742E Background



This preview shows how black text looks on a background with the Hex color BE742E.



This preview shows how white text looks on a background with the Hex color BE742E.

# 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**  
BE742E

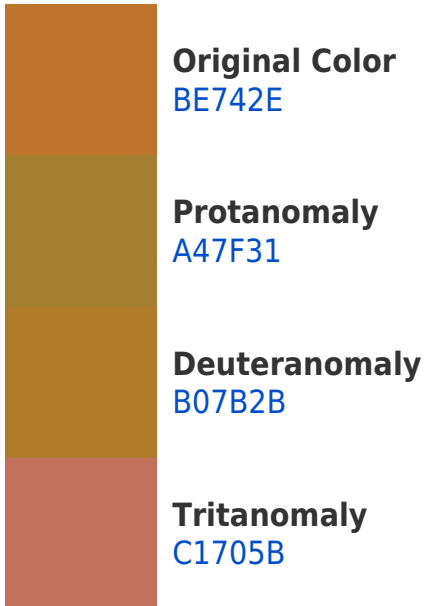
**Protanopia**  
958633

**Deuteranopia**  
A87F2A

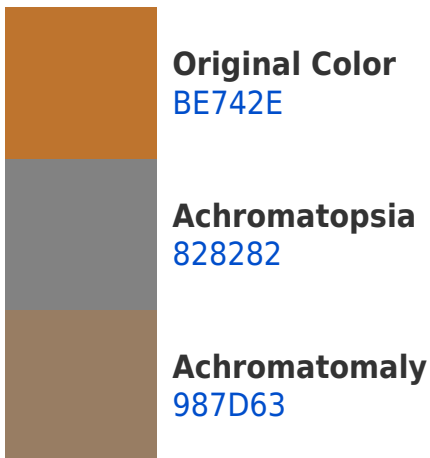


**Tritanopia**  
C26D75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BE742E 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 #BE742E looks like.

```
.text, #text, p{  
    color:#BE742E  
}
```

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 #BE742E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE742E
}
```

## Border

The CSS property to change the border of an element to Hex BE742E 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
#BE742E }
```

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

```
.border{ border-color:#BE742E }
```

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

Here you see how a box with a 4 pixel #BE742E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE742E; -webkit-box-shadow:4px 4px  
4px 4px #BE742E; box-shadow:4px 4px 4px  
4px #BE742E }
```

# Background

The CSS property to change the background color of an element to Hex BE742E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE742E }
```

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

```
.background{ background-color:#BE742E }
```

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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