

# Converting Colors

Hex(BE773D)

Have a look what the booklet for  
Hex(BE773D) contains.

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**Color**

**Hex(BE773D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BE773D
RGB	190, 119, 61
RGB Percent	75%, 47%, 24%
CMY	0.2549, 0.5333, 0.7608
CMYK	0.00, 0.37, 0.68, 0.25
HSL	27°, 51%, 49%
HSV	27°, 68%, 75%
XYZ	28.6743, 24.4777, 7.6282
YIQ	133.6170, 60.9340, -2.9860

# Conversions

## Conversions Part 2

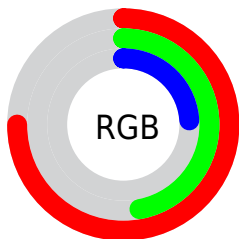
Format	Color
R <sub>Y</sub> B	190, 166, 61
Decimal	12482365
CIE Lab	56.56, 22.57, 42.66
CIE LCh	57, 48.263, 62.117
Yxy	24.4777, 0.4718, 0.4027
Android (android.graphics.Color)	4290672445 (0xFFBE773D)
YUV	133.6170, -35.8002, 49.4479
Hunter-Lab	49.4750, 16.8725, 25.4909

# Details

The Hex color **BE773D** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3D84BE**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FAAC6F**, and **84460B** is the 20% darker color. If you saturate the color by 10%, you get **BE6D2A**, and if you desaturate by 10%, it is **BE8150**.

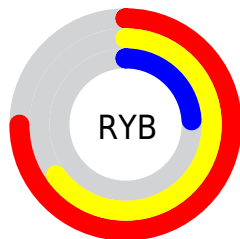
# Distribution



Red (75%)

Green (47%)

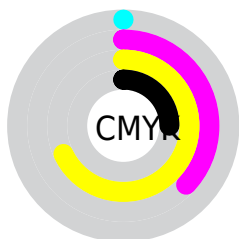
Blue (24%)



Red (75%)

Yellow (65%)

Blue (24%)

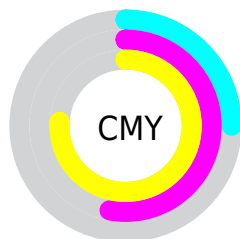


Cyan (0%)

Magenta (37%)

Yellow (68%)

Black (25%)



Cyan (25%)

Magenta (53%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BE773D 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 BE773D by changing the saturation by 10% instead.



 BE773D

 BE773D

FFFFFF

 A15E25

 FAAC6F

 84460B

 FFC789

 682F00

 FFE3A3

 4C1900

 FFFFBF

 310300

 FFFFDB

 120000

 FFFFF8

 000000

 BE773D

 BE773D

 BE6D2A

 BE8150

■ BE6217

■ BE8C63

■ BE5804

■ BE9676

■ BE5500

■ BEA189

■ BEAB9C

■ BEB6AF

■ BEC0C2

■ BECBD5

■ BED5E8

# Harmonies

## Analogous

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



D2685D



BE773D



9C862F

# Triad

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



BE773D



009C89



8E7BCF

# Complementary

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



BE773D



3D84BE

# 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.



368BDC



BE773D



009CB3

# Square

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



BE773D



35995F



0096D1



BD6BB0

# Rectangle

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



BE773D



818F35



0096D1



7781D6

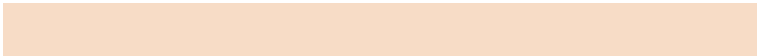


# Sweetspot

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



BE773D



F7DCC6



BE3D86



7D6C5F



FCFCFC



7D7D7D



# Same Dimension

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



BE773D



F7892F



BEB53D



5E5955



9E4700



1F0E00



# Inverse Universe

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



3D84BE



2F9DF7



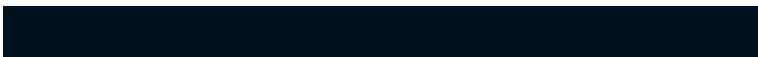
3D46BE



555A5E



00579E

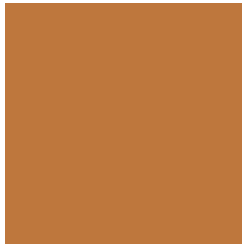


00111F



# Previews

## White Background



This preview shows how the Hex color BE773D 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

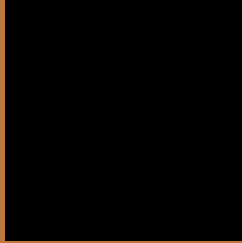
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BE773D Background



This preview shows how black text looks on a background with the Hex color BE773D.



This preview shows how white text looks on a background with the Hex color BE773D.

# 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**  
BE773D

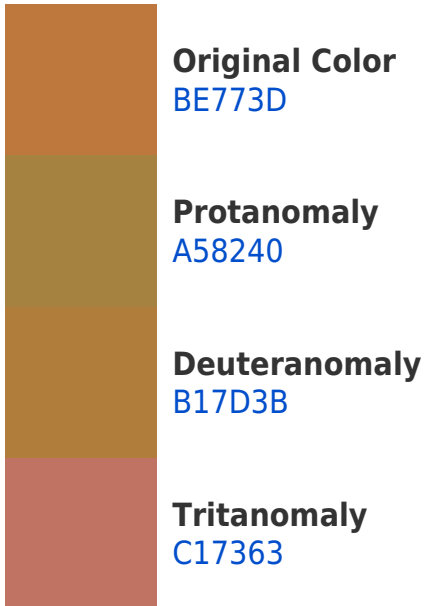
**Protanopia**  
978842

**Deuteranopia**  
A9813A

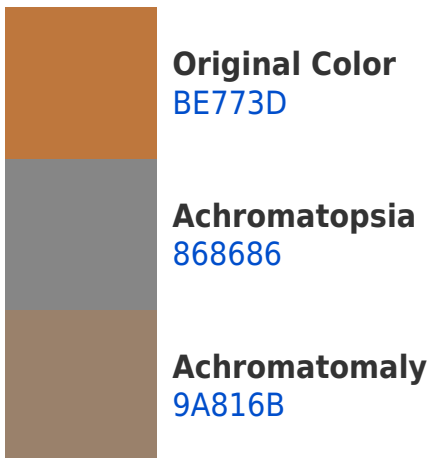


**Tritanopia**  
C27079

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BE773D 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 #BE773D looks like.

```
.text, #text, p{  
    color:#BE773D  
}
```

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 #BE773D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE773D
}
```

## Border

The CSS property to change the border of an element to Hex BE773D 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
#BE773D }
```

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

```
.border{ border-color:#BE773D }
```

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

Here you see how a box with a 4 pixel #BE773D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE773D; -webkit-box-shadow:4px 4px  
4px 4px #BE773D; box-shadow:4px 4px 4px  
4px #BE773D }
```

# Background

The CSS property to change the background color of an element to Hex BE773D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE773D }
```

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

```
.background{ background-color:#BE773D }
```

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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