

# Converting Colors

Hex(BC7E49)

Have a look what the booklet for  
Hex(BC7E49) contains.

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**Color**

**Hex(BC7E49)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BC7E49
RGB	188, 126, 73
RGB Percent	74%, 49%, 29%
CMY	0.2627, 0.5059, 0.7137
CMYK	0.00, 0.33, 0.61, 0.26
HSL	28°, 46%, 51%
HSV	28°, 61%, 74%
XYZ	29.4025, 26.0941, 9.7903
YIQ	138.4960, 53.9650, -3.3390

# Conversions

## Conversions Part 2

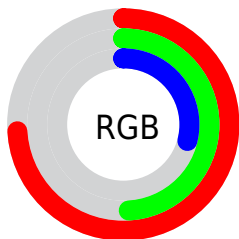
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	188, 171, 73
Decimal	12353097
CIE Lab	58.13, 18.65, 38.20
CIE LCh	58, 42.512, 63.983
Yxy	26.0941, 0.4504, 0.3997
Android (android.graphics.Color)	4290543177 (0xFFBC7E49)
YUV	138.4960, -32.2895, 43.4150
Hunter-Lab	51.0824, 13.3485, 24.3943

# Details

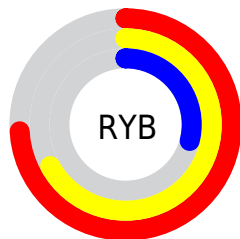
The Hex color **BC7E49** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4987BC**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **F7B37B**, and **834D1A** is the 20% darker color. If you saturate the color by 10%, you get **BC7436**, and if you desaturate by 10%, it is **BC885C**.

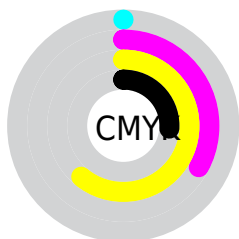
# Distribution



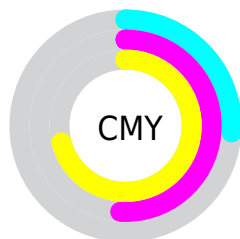
- Red (74%)
- Green (49%)
- Blue (29%)



- Red (74%)
- Yellow (67%)
- Blue (29%)



- Cyan (0%)
- Magenta (33%)
- Yellow (61%)
- Black (26%)



- Cyan (26%)
- Magenta (51%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC7E49 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 BC7E49 by changing the saturation by 10% instead.



 BC7E49

 BC7E49

FFFFFF

 9F6531

 F7B37B

 834D1A

 FFCE95

 673601

 FFEBB0

 4C2000

 FFFFCC

 320B00

 FFFFEE

 170000

 000000

 BC7E49

 BC7E49

 BC7436

 BC885C

 BC6A23

 BC926F

 BC6011

 BC9C81

 BC5700

 BCA794

 BCB1A7

 BCBBBA

 BCC5CD

 BCCFDF

 BCD9F2

# Harmonies

## Analogous

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



CF7264



BC7E49



9D8B3F

# Triad

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



BC7E49



009F90



9580CA

# Complementary

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



BC7E49



4987BC

# 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.



558ED6



BC7E49



009EB4

# Square

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



BC7E49



459C6A



0098CE



BE73AD

# Rectangle

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



BC7E49



849345



0098CE



8385D0



# Sweetspot

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



BC7E49



F5DDC9



BC4988



7A6C5F



FAFAFA



7A7A7A



# Same Dimension

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



BC7E49



F59442



BCB649



5E5955



9E4900



1F0E00



# Inverse Universe

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



4987BC



42A2F5



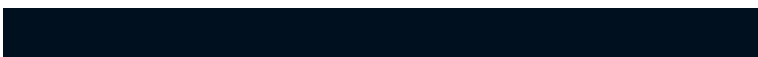
494FBC



555A5E



00559E

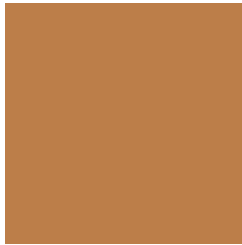


00101F



# Previews

## White Background



This preview shows how the Hex color BC7E49 looks on a white background.

## Color Contrast Check

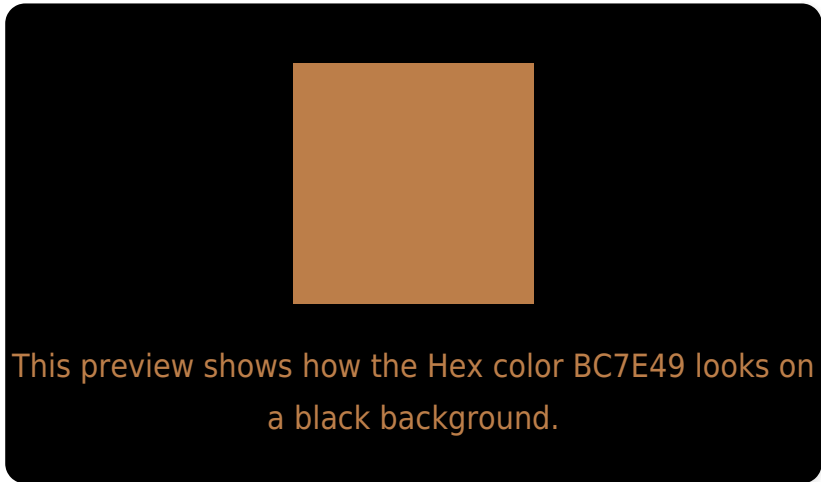
Large Text (above 18pt) WCAG AA ✓ Pass

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 BC7E49 Background



This preview shows how black text looks on a background with the Hex color BC7E49.



This preview shows how white text looks on a background with the Hex color BC7E49.

# 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**  
BC7E49

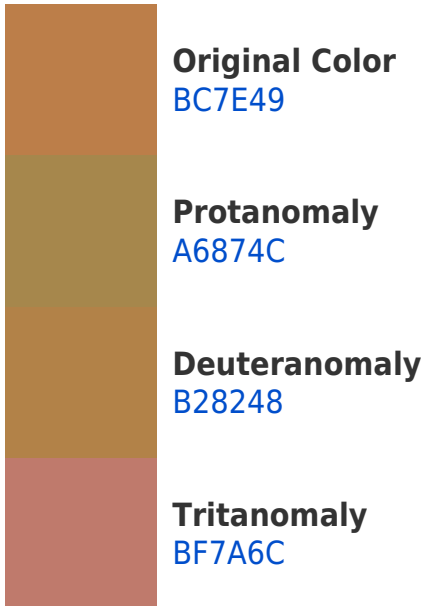
**Protanopia**  
9A8C4E

**Deuteranopia**  
AC8547



**Tritanopia**  
C07780

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC7E49 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 #BC7E49 looks like.

```
.text, #text, p{  
    color:#BC7E49  
}
```

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 #BC7E49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC7E49
}
```

## Border

The CSS property to change the border of an element to Hex BC7E49 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
#BC7E49 }
```

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

```
.border{ border-color:#BC7E49 }
```

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

Here you see how a box with a 4 pixel #BC7E49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC7E49; -webkit-box-shadow:4px 4px  
4px 4px #BC7E49; box-shadow:4px 4px 4px  
4px #BC7E49 }
```

# Background

The CSS property to change the background color of an element to Hex BC7E49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC7E49 }
```

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

```
.background{ background-color:#BC7E49 }
```

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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