

# Converting Colors

Hex(BC7A69)

Have a look what the booklet for  
Hex(BC7A69) contains.

<b>Hex(BC7A69)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(**BC7A69**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BC7A69
RGB	188, 122, 105
RGB Percent	74%, 48%, 41%
CMY	0.2627, 0.5216, 0.5882
CMYK	0.00, 0.35, 0.44, 0.26
HSL	12°, 38%, 57%
HSV	12°, 44%, 74%
XYZ	30.2484, 25.6304, 16.7175
YIQ	139.7960, 44.7930, 8.7050

# Conversions

## Conversions Part 2

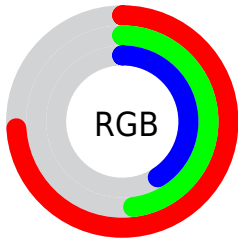
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	188, 126, 105
Decimal	12352105
CIE Lab	57.68, 23.76, 19.95
CIE LCh	58, 31.026, 40.011
Yxy	25.6304, 0.4167, 0.3531
Android (android.graphics.Color)	4290542185 (0xFFBC7A69)
YUV	139.7960, -17.1544, 42.2749
Hunter-Lab	50.6264, 18.0543, 15.8602

# Details

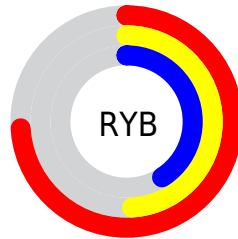
The Hex color **BC7A69** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **69ABBC**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **F6AF9C**, and **84483A** is the 20% darker color. If you saturate the color by 10%, you get **BC6B56**, and if you desaturate by 10%, it is **BC897C**.

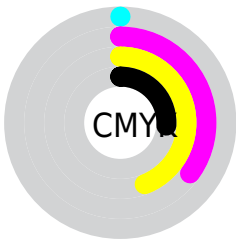
# Distribution



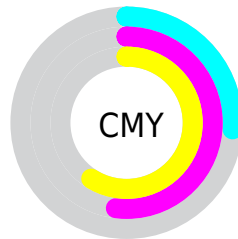
- Red (74%)
- Green (48%)
- Blue (41%)



- Red (74%)
- Yellow (49%)
- Blue (41%)



- Cyan (0%)
- Magenta (35%)
- Yellow (44%)
- Black (26%)



- Cyan (26%)
- Magenta (52%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC7A69 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 BC7A69 by changing the saturation by 10% instead.



 BC7A69

 BC7A69

FFFFFF

 A06151

 F6AF9C

 84483A

 FFCBB7

 693124

 FFE7D3

 4F1B0F

 FFFFEF

 350400

 1B0001

 000000

 BC7A69

 BC7A69

 BC6B56

 BC897C

 BC5C43

 BC988F

 BC4D31

 BCA7A1

 BC3E1E

 BCB6B4

 BC2F0B

 BCC5C7

 BC2700

 BCD4DA

 BCE3ED

 BCF2FF

 BCFFFF

# Harmonies

## Analogous

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



BF7682



BC7A69



AC8358

# Triad

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



BC7A69



559877



738AC0

# Complementary

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



BC7A69



69ABBC

# 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.



4592BD



BC7A69



319993

# Square

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



BC7A69



769360



2298AD



9A80B4

# Rectangle

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



BC7A69



9D8954



2298AD



648DC0



# Sweetspot

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



BC7A69



F5DBD5



BC69AB



7A6B67



FAFAFA



7A7A7A



# Same Dimension

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



BC7A69



F58E73



BCA369



5E5755



9E2000



1F0600



# Inverse Universe

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



69ABBC



73DAF5



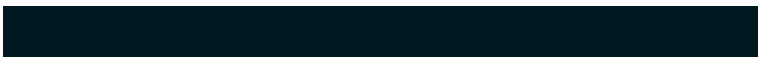
6982BC



555C5E



007E9E



00181F



# Previews

## White Background



This preview shows how the Hex color BC7A69 looks on a white background.

## Color Contrast Check

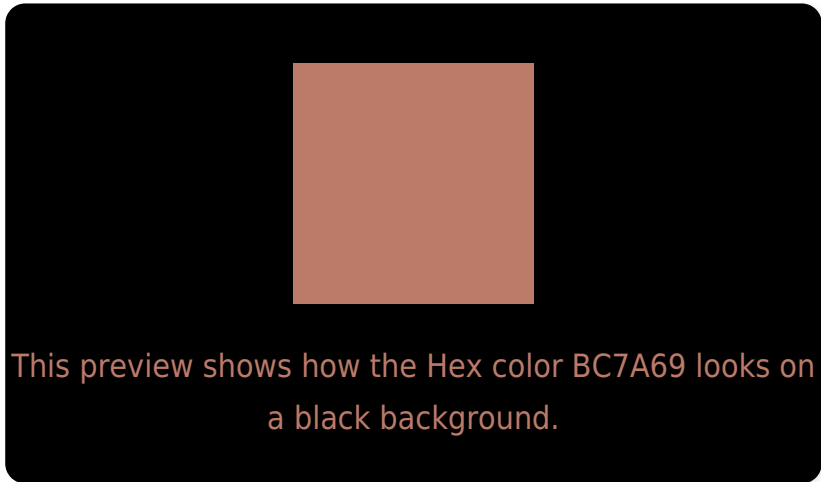
Large Text (above 18pt) WCAG AA ✓ Pass

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 BC7A69 Background



This preview shows how black text looks on a background with the Hex color BC7A69.



This preview shows how white text looks on a background with the Hex color BC7A69.

# 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**  
BC7A69

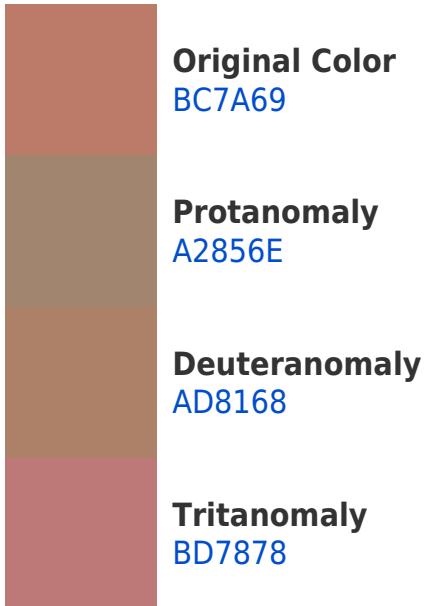
**Protanopia**  
938B71

**Deuteranopia**  
A48567

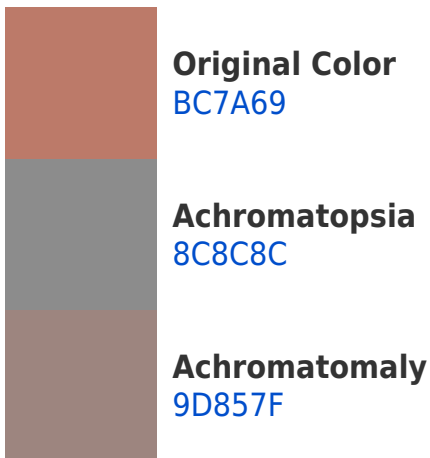


**Tritanopia**  
BE7780

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC7A69 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 #BC7A69 looks like.

```
.text, #text, p{  
    color:#BC7A69  
}
```

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 #BC7A69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC7A69
}
```

## Border

The CSS property to change the border of an element to Hex BC7A69 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
#BC7A69 }
```

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

```
.border{ border-color:#BC7A69 }
```

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

Here you see how a box with a 4 pixel #BC7A69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC7A69; -webkit-box-shadow:4px 4px  
4px 4px #BC7A69; box-shadow:4px 4px 4px  
4px #BC7A69 }
```

# Background

The CSS property to change the background color of an element to Hex BC7A69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC7A69 }
```

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

```
.background{ background-color:#BC7A69 }
```

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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