

# Converting Colors

Hex(BD7C59)

Have a look what the booklet for  
Hex(BD7C59) contains.

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**Color**

**Hex(BD7C59)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BD7C59
RGB	189, 124, 89
RGB Percent	74%, 49%, 35%
CMY	0.2588, 0.5137, 0.6510
CMYK	0.00, 0.34, 0.53, 0.26
HSL	21°, 43%, 55%
HSV	21°, 53%, 74%
XYZ	29.9971, 25.9554, 12.8801
YIQ	139.4450, 49.9750, 2.8950

# Conversions

## Conversions Part 2

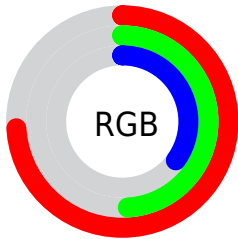
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	189, 143, 89
Decimal	12418137
CIE Lab	57.99, 21.48, 29.40
CIE LCh	58, 36.409, 53.848
Yxy	25.9554, 0.4358, 0.3771
Android (android.graphics.Color)	4290608217 (0xFFBD7C59)
YUV	139.4450, -24.8694, 43.4597
Hunter-Lab	50.9464, 15.9440, 20.6731

# Details

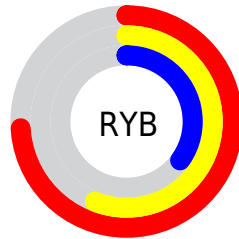
The Hex color **BD7C59** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **599ABD**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **F8B18C**, and **844B2A** is the 20% darker color. If you saturate the color by 10%, you get **BD7046**, and if you desaturate by 10%, it is **BD886C**.

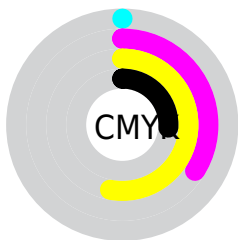
# Distribution



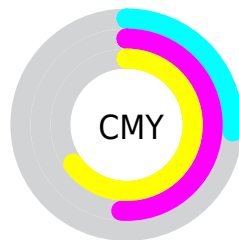
- Red (74%)
- Green (49%)
- Blue (35%)



- Red (74%)
- Yellow (56%)
- Blue (35%)



- Cyan (0%)
- Magenta (34%)
- Yellow (53%)
- Black (26%)



- Cyan (26%)
- Magenta (51%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD7C59 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 BD7C59 by changing the saturation by 10% instead.



 BD7C59

 BD7C59

FFFFFF

 A06341

 F8B18C

 844B2A

 FFCCA6

 693315

 FFE9C1

 4F1D00

 FFFFDD

 340700

 FFFFFA

 1A0001

 000000

 BD7C59

 BD7C59

 BD7046

 BD886C

 BD6333

 BD957F

 BD5720

 BDA192

 BD4B0D

 BDADA5

 BD4200

 BDB9B8

 BDC6CA

 BDD2DD

 BDDEF0

 BDEBFF

# Harmonies

## Analogous

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



C87373



BD7C59



A5874B

# Triad

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



BD7C59



309C83



8586C6

# Complementary

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



BD7C59



599ABD

# 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.



4D91CA



BD7C59



009CA4

# Square

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



BD7C59



609865



0098BE



AD7AB1

# Rectangle

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



BD7C59



918E4C



0098BE



7489C9



# Sweetspot

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



BD7C59



F5DBCE



BD599A



7A6B63



FAFAFA



7A7A7A



# Same Dimension

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



BD7C59



F5915B



BDAE59



5E5855



9E3700



1F0B00



# Inverse Universe

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



599ABD



5BBFF5



5968BD



555B5E



00679E



00141F



# Previews

## White Background



This preview shows how the Hex color BD7C59 looks on a white background.

## Color Contrast Check

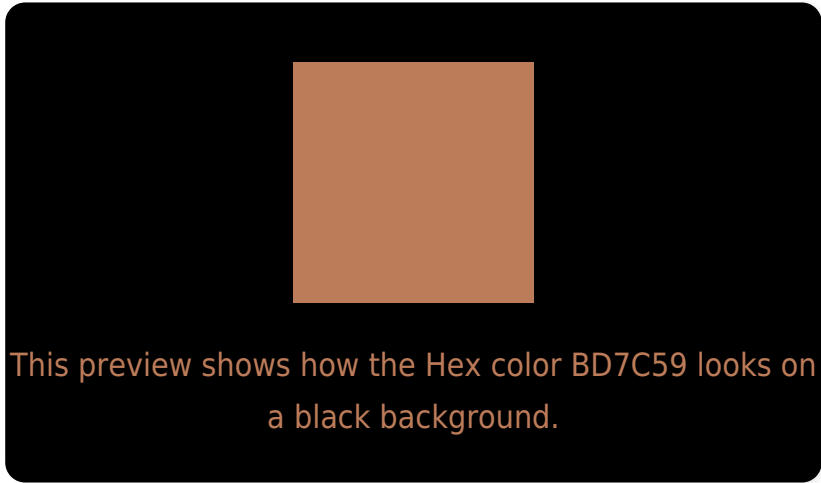
Large Text (above 18pt) WCAG AA ✓ Pass

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

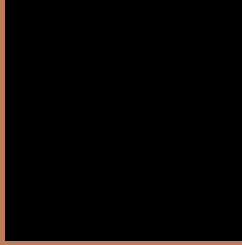
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BD7C59 Background



This preview shows how black text looks on a background with the Hex color BD7C59.



This preview shows how white text looks on a background with the Hex color BD7C59.

# 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





**Tritanopia**  
C07780

# Trichromacy



**Original Color**  
BD7C59

**Protanomaly**  
A5865D

**Deuteranomaly**  
B08258

**Tritanomaly**  
BF7972

# Monochromacy



**Original Color**  
BD7C59

**Achromatopsia**  
8B8B8B

**Achromatomaly**  
9D8679

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD7C59 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 #BD7C59 looks like.

```
.text, #text, p{  
    color:#BD7C59  
}
```

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 #BD7C59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD7C59
}
```

## Border

The CSS property to change the border of an element to Hex BD7C59 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
#BD7C59 }
```

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

```
.border{ border-color:#BD7C59 }
```

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

Here you see how a box with a 4 pixel #BD7C59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD7C59; -webkit-box-shadow:4px 4px  
4px 4px #BD7C59; box-shadow:4px 4px 4px  
4px #BD7C59 }
```

# Background

The CSS property to change the background color of an element to Hex BD7C59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD7C59 }
```

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

```
.background{ background-color:#BD7C59 }
```

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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