

# Converting Colors

Hex(BD7B6F)

Have a look what the booklet for  
Hex(BD7B6F) contains.

<b>Hex(BD7B6F)</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(BD7B6F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BD7B6F
RGB	189, 123, 111
RGB Percent	74%, 48%, 44%
CMY	0.2588, 0.5176, 0.5647
CMYK	0.00, 0.35, 0.41, 0.26
HSL	9°, 37%, 59%
HSV	9°, 41%, 74%
XYZ	30.9385, 26.1324, 18.4524
YIQ	141.3660, 43.1880, 10.2600

# Conversions

## Conversions Part 2

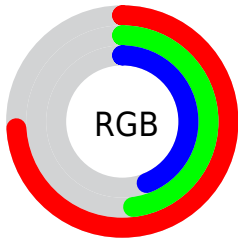
<b>Format</b>	<b>Color</b>
<b>RYB</b>	189, 125, 111
Decimal	12417903
CIELab	58.16, 24.28, 17.19
CIELCh	58, 29.748, 35.296
Yxy	26.1324, 0.4097, 0.3460
Android (android.graphics.Color)	4290607983 (0xFFBD7B6F)
YUV	141.3660, -14.9704, 41.7750
Hunter-Lab	51.1199, 18.5709, 14.3825

# Details

The Hex color **BD7B6F** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6FB1BD**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **F7B0A3**, and **85493F** is the 20% darker color. If you saturate the color by 10%, you get **BD6B5C**, and if you desaturate by 10%, it is **BD8B82**.

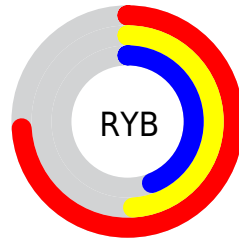
# Distribution



Red (74%)

Green (48%)

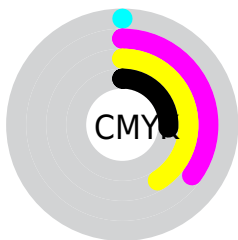
Blue (44%)



Red (74%)

Yellow (49%)

Blue (44%)

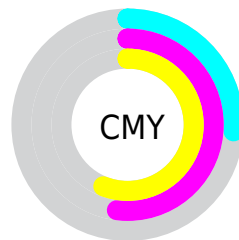


Cyan (0%)

Magenta (35%)

Yellow (41%)

Black (26%)



Cyan (26%)

Magenta (52%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD7B6F 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 BD7B6F by changing the saturation by 10% instead.



 BD7B6F

 BD7B6F

FFFFFF

 A16257

 F7B0A3

 85493F

 FFCCBE

 6A3229

 FFE8DA

 501B15

 FFFFF6

 370400

 1E0001

 000000

 BD7B6F

 BD7B6F

 BD6B5C

 BD8B82

 BD5B49

 BD9B95

 BD4B36

 BDABA8

 BD3B23

 BDBBBB

 BD2B11

 BDCBCE

 BD1D00

 BDDBE0

 BDEBF3

 BDFBFF

 BDFFFF

# Harmonies

## Analogous

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



BE7888



BD7B6F



AF835D

# Triad

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



BD7B6F



5E9875



6F8DBF

# Complementary

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



BD7B6F



6FB1BD

# 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.



4694BA



BD7B6F



3E9A90

# Square

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



BD7B6F



7D9361



2D99A9



9583B6

# Rectangle

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



BD7B6F



A18958



2D99A9



6190BF

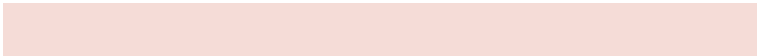


# Sweetspot

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



BD7B6F



F5DCD7



BD6FB1



7A6C69



FAFAFA



7A7A7A



# Same Dimension

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



BD7B6F



F58D7A



BDA26F



5E5655



9E1800



1F0500



# Inverse Universe

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



6FB1BD



7AE2F5



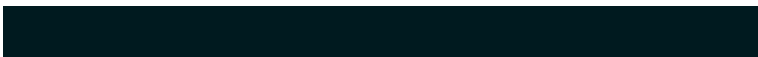
6F8ABD



555D5E



00869E



001A1F



# Previews

## White Background



This preview shows how the Hex color BD7B6F looks on a white background.

## Color Contrast Check

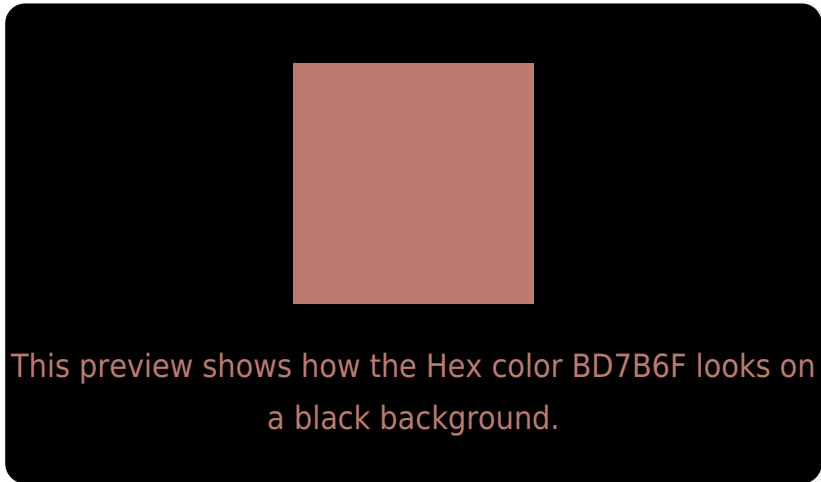
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD7B6F Background



This preview shows how black text looks on a background with the Hex color BD7B6F.

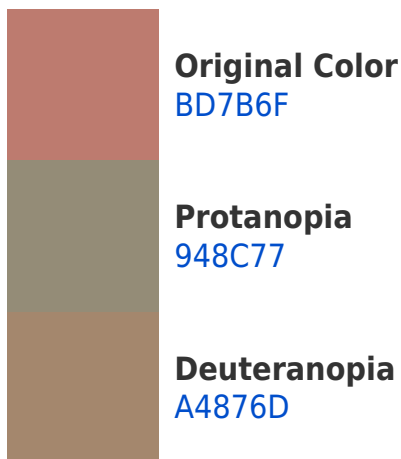


This preview shows how white text looks on a background with the Hex color BD7B6F.

# 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**  
BF7881

# Trichromacy



**Original Color**  
BD7B6F

**Protanomaly**  
A38674

**Deuteranomaly**  
AD836E

**Tritanomaly**  
BE797A

# Monochromacy



**Original Color**  
BD7B6F

**Achromatopsia**  
8D8D8D

**Achromatomaly**  
9E8682

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD7B6F 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 #BD7B6F looks like.

```
.text, #text, p{  
    color:#BD7B6F  
}
```

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 #BD7B6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD7B6F
}
```

## Border

The CSS property to change the border of an element to Hex BD7B6F 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
#BD7B6F }
```

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

```
.border{ border-color:#BD7B6F }
```

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

Here you see how a box with a 4 pixel #BD7B6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD7B6F; -webkit-box-shadow:4px 4px  
4px 4px #BD7B6F; box-shadow:4px 4px 4px  
4px #BD7B6F }
```

# Background

The CSS property to change the background color of an element to Hex BD7B6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD7B6F }
```

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

```
.background{ background-color:#BD7B6F }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor