

# Converting Colors

Hex(BD7667)

Have a look what the booklet for  
Hex(BD7667) contains.

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# Color

Hex(**BD7667**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BD7667
RGB	189, 118, 103
RGB Percent	74%, 46%, 40%
CMY	0.2588, 0.5373, 0.5961
CMYK	0.00, 0.38, 0.46, 0.26
HSL	10°, 39%, 57%
HSV	10°, 46%, 74%
XYZ	29.9129, 24.7550, 16.0336
YIQ	137.5190, 47.1310, 10.3870

# Conversions

## Conversions Part 2

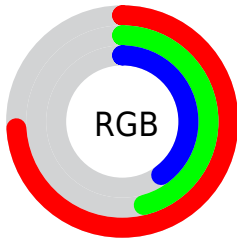
Format	Color
R <sub>Y</sub> B	189, 121, 103
Decimal	12416615
CIE Lab	56.84, 26.15, 19.97
CIE LCh	57, 32.904, 37.357
Yxy	24.7550, 0.4231, 0.3501
Android (android.graphics.Color)	4290606695 (0xFFBD7667)
YUV	137.5190, -17.0179, 45.1488
Hunter-Lab	49.7544, 20.2461, 15.7216

# Details

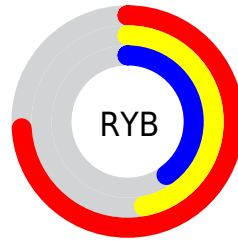
The Hex color **BD7667** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **67AEBD**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **F8AB9A**, and **854538** is the 20% darker color. If you saturate the color by 10%, you get **BD6654**, and if you desaturate by 10%, it is **BD867A**.

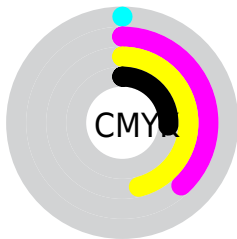
# Distribution



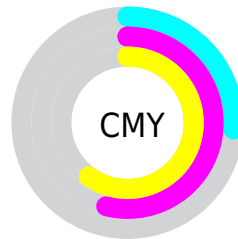
- Red (74%)
- Green (46%)
- Blue (40%)



- Red (74%)
- Yellow (47%)
- Blue (40%)



- Cyan (0%)
- Magenta (38%)
- Yellow (46%)
- Black (26%)



- Cyan (26%)
- Magenta (54%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD7667 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 BD7667 by changing the saturation by 10% instead.



 BD7667

 BD7667

FFFFFF

 A15D4F

 F8AB9A

 854538

 FFC6B5

 6A2D22

 FFE3D1

 4F160D

 FFFFFED

 350000

 190001

 000000

 BD7667

 BD7667

 BD6654

 BD867A

 BD5741

 BD958D

 BD472E

 BDA5A0

 BD381B

 BDB4B3

 BD2808

 BDC4C6

 BD2100

 BDD4D8

 BDE3EB

 BDF3FE

 BDFFFF

# Harmonies

## Analogous

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



BF7282



BD7667



AD7F54

# Triad

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



BD7667



529671



6A89C1

# Complementary

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



BD7667



67AEBD

# 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.



3591BD



BD7667



26988F

# Square

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



BD7667



75915A



0096AA



957EB6

# Rectangle

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



BD7667



9D864F



0096AA



598CC1

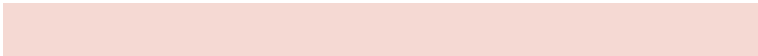


# Sweetspot

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



BD7667



F5D9D3



BD67AF



7A6966



FAFAFA



7A7A7A



# Same Dimension

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



BD7667



F5866E



BDA067



5E5755



9E1C00



1F0500



# Inverse Universe

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



67AEBD



6EDDF5



6784BD



555D5E



00839E



00191F



# Previews

## White Background



This preview shows how the Hex color BD7667 looks on a white background.

## Color Contrast Check

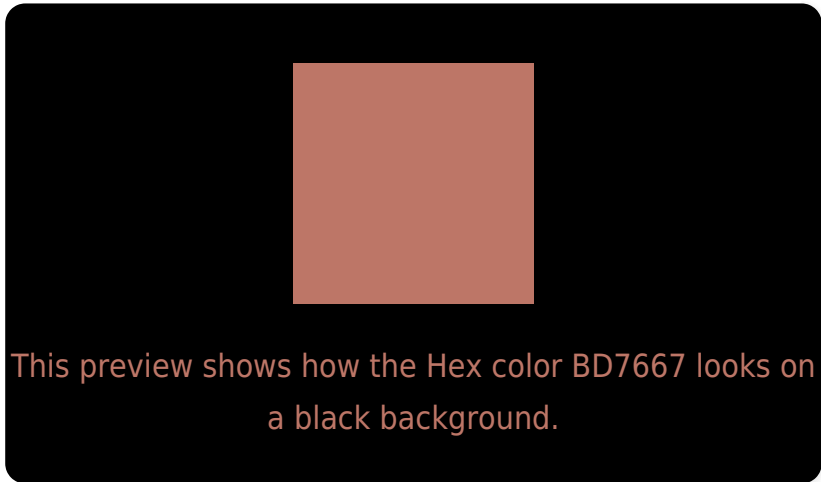
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD7667 Background



This preview shows how black text looks on a background with the Hex color BD7667.

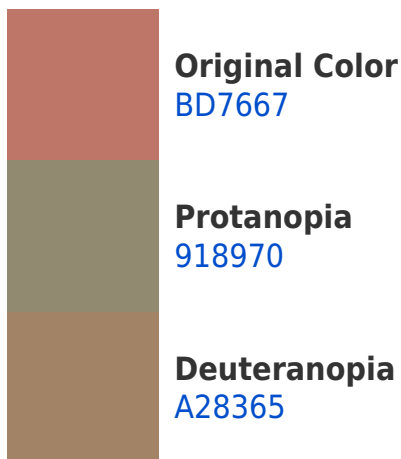


This preview shows how white text looks on a background with the Hex color BD7667.

# 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**  
BF737C

# Trichromacy



**Original Color**  
BD7667

**Protanomaly**  
A1826D

**Deuteranomaly**  
AC7E66

**Tritanomaly**  
BE7474

# Monochromacy



**Original Color**  
BD7667

**Achromatopsia**  
8A8A8A

**Achromatomaly**  
9D837D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD7667 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 #BD7667 looks like.

```
.text, #text, p{  
    color:#BD7667  
}
```

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 #BD7667 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD7667
}
```

## Border

The CSS property to change the border of an element to Hex BD7667 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
#BD7667 }
```

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

```
.border{ border-color:#BD7667 }
```

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

Here you see how a box with a 4 pixel #BD7667 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD7667; -webkit-box-shadow:4px 4px  
4px 4px #BD7667; box-shadow:4px 4px 4px  
4px #BD7667 }
```

# Background

The CSS property to change the background color of an element to Hex BD7667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD7667 }
```

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

```
.background{ background-color:#BD7667 }
```

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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