

# Converting Colors

Hex(B7766C)

Have a look what the booklet for  
Hex(B7766C) contains.

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**Color**

**Hex(B7766C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B7766C</a>
RGB	<a href="#">183, 118, 108</a>
RGB Percent	<a href="#">72%, 46%, 42%</a>
CMY	<a href="#">0.2824, 0.5373, 0.5765</a>
CMYK	<a href="#">0.00, 0.36, 0.41, 0.28</a>
HSL	<a href="#">8°, 34%, 57%</a>
HSV	<a href="#">8°, 41%, 72%</a>
XYZ	<a href="#">28.7136, 24.1069, 17.3271</a>
YIQ	<a href="#">136.2950, 41.9500, 10.6700</a>

# Conversions

## Conversions Part 2

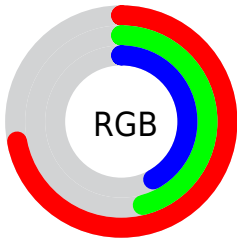
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	183, 120, 108
Decimal	12023404
CIE <sub>Lab</sub>	56.19, 24.31, 16.09
CIE <sub>LCh</sub>	56, 29.155, 33.502
Yxy	24.1069, 0.4093, 0.3437
Android (android.graphics.Color)	4290213484 (0xFFB7766C)
YUV	136.2950, -13.9494, 40.9603
Hunter-Lab	49.0987, 18.4666, 13.4455

# Details

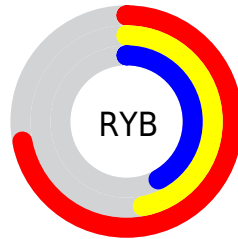
The Hex color **B7766C** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6CADB7**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **F1AB9F**, and **80453D** is the 20% darker color. If you saturate the color by 10%, you get **B7665A**, and if you desaturate by 10%, it is **B7867E**.

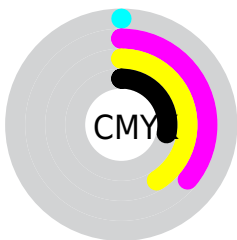
# Distribution



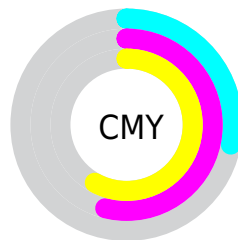
- Red (72%)
- Green (46%)
- Blue (42%)



- Red (72%)
- Yellow (47%)
- Blue (42%)



- Cyan (0%)
- Magenta (36%)
- Yellow (41%)
- Black (28%)



- Cyan (28%)
- Magenta (54%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7766C 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 B7766C by changing the saturation by 10% instead.



 B7766C

 B7766C

FFFFFF

 9B5D54

 F1AB9F

 80453D

 FFC6BA

 652D27

 FFE2D6

 4B1712

 FFFFF3

 320000

 120000

 000000

 B7766C

 B7766C

 B7665A

 B7867E

 B75647

 B79691

 B74635

 B7A6A3

 B73723

 B7B5B5

 B72711

 B7C5C8

 B71800

 B7D5DA

 B7E5EC

 B7F5FE

 B7FFFF

# Harmonies

## Analogous

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



B77385



B7766C



AA7D5A

# Triad

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



B7766C



5C926F



6888B9

# Complementary

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



B7766C



6CADB7

# 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.



408FB3



B7766C



3D9489

# Square

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



B7766C



7A8E5C



2A94A2



8E7FB1

# Rectangle

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



B7766C



9D8354



2A94A2



5A8BB9



# Sweetspot

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



B7766C



EDD4D1



B76CAD



786967



F7F7F7



787878



# Same Dimension

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



B7766C



ED8879



B79B6C



5C5453



9C1500



1C0400



# Inverse Universe

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



6CADB7



79DEED



6C88B7



535B5C



00879C



00181C



# Previews

## White Background



This preview shows how the Hex color B7766C looks on a white background.

## Color Contrast Check

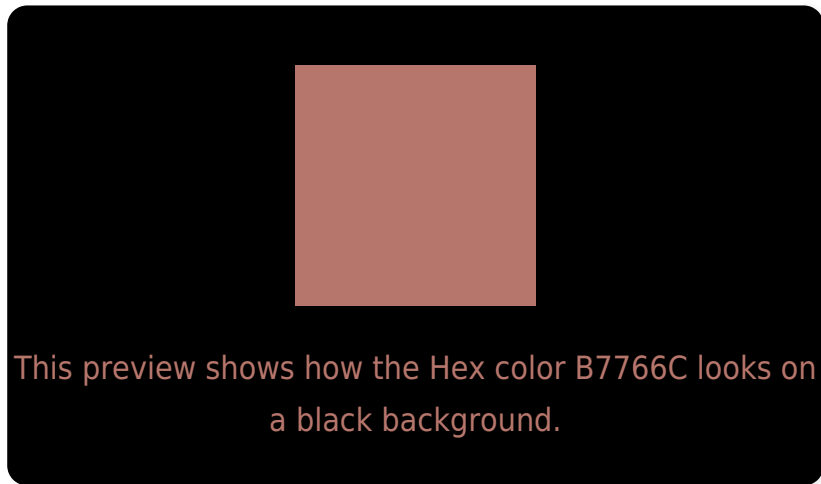
Large Text (above 18pt) WCAG AA ✓ Pass

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

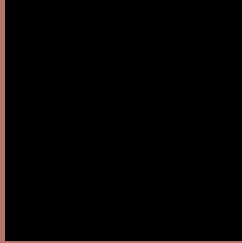
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B7766C Background



This preview shows how black text looks on a background with the Hex color B7766C.



This preview shows how white text looks on a background with the Hex color B7766C.

# 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**  
B7766C

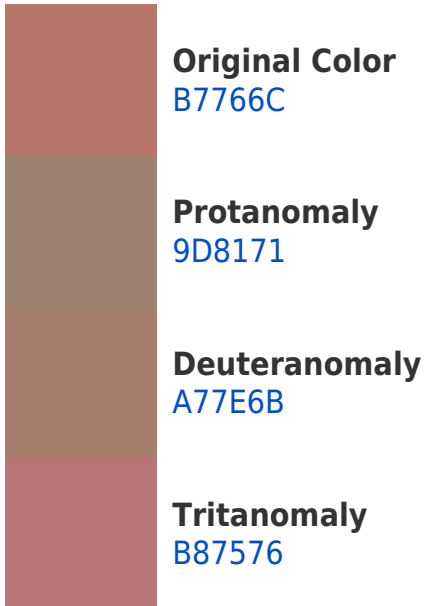
**Protanopia**  
8E8774

**Deuteranopia**  
9E826A



**Tritanopia**  
B8747C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7766C 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 #B7766C looks like.

```
.text, #text, p{  
    color:#B7766C  
}
```

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 #B7766C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7766C
}
```

## Border

The CSS property to change the border of an element to Hex B7766C is called "border". The border property can be set on classes, ids or directly on the HTML element.

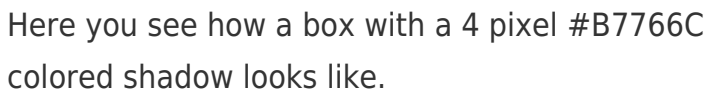
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B7766C }
```

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

```
.border{ border-color:#B7766C }
```

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



Here you see how a box with a 4 pixel #B7766C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7766C; -webkit-box-shadow:4px 4px  
4px 4px #B7766C; box-shadow:4px 4px 4px  
4px #B7766C }
```

# Background

The CSS property to change the background color of an element to Hex B7766C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7766C }
```

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

```
.background{ background-color:#B7766C }
```

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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