

# Converting Colors

Hex(7B6B67)

Have a look what the booklet for  
Hex(7B6B67) contains.

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# Color

**Hex(7B6B67)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B6B67
RGB	123, 107, 103
RGB Percent	48%, 42%, 40%
CMY	0.5176, 0.5804, 0.5961
CMYK	0.00, 0.13, 0.16, 0.52
HSL	12°, 9%, 44%
HSV	12°, 16%, 48%
XYZ	15.8743, 15.7056, 15.0268
YIQ	111.3280, 10.8200, 2.1480

# Conversions

## Conversions Part 2

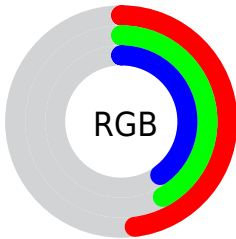
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 108, 103
Decimal	8088423
CIE Lab	46.59, 5.59, 4.55
CIE LCh	47, 7.205, 39.177
Yxy	15.7056, 0.3406, 0.3370
Android (android.graphics.Color)	4286278503 (0xFF7B6B67)
YUV	111.3280, -4.1057, 10.2363
Hunter-Lab	39.6303, 2.1466, 5.2600

# Details

The Hex color **7B6B67** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **67777B**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **B09E9A**, and **4A3C38** is the 20% darker color. If you saturate the color by 10%, you get **7B615B**, and if you desaturate by 10%, it is **7B7573**.

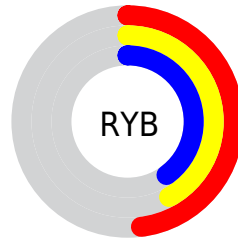
# Distribution



Red (48%)

Green (42%)

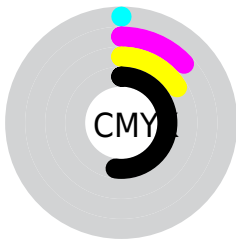
Blue (40%)



Red (48%)

Yellow (42%)

Blue (40%)

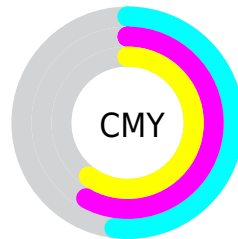


Cyan (0%)

Magenta (13%)

Yellow (16%)

Black (52%)



Cyan (52%)

Magenta (58%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B6B67 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 7B6B67 by changing the saturation by 10% instead.



7B6B67

7B6B67

FFFFFF

62534F

B09E9A

4A3C38

CBB9B5

332623

E7D5D0

1E120D

FFF1ED

000000

7B6B67

7B6B67

7B615B

7B7573

7B574E

7B7F80

7B4D42

7B898C

■ 7B4436

■ 7B9298

■ 7B3A2A

■ 7B9CA5

■ 7B301D

■ 7BA6B1

■ 7B2611

■ 7BB0BD

■ 7B1C05

■ 7BBAC9

■ 7B1900

■ 7BC4D6

# Harmonies

## Analogous

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



7B6A6D



7B6B67



776D63

# Triad

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



7B6B67



64726A



6A6E7A

# Complementary

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



7B6B67



67777B

# 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.



647079



7B6B67



607270

# Square

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



7B6B67



6A7065



607276



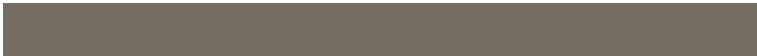
726C78

# Rectangle

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



7B6B67



746E62



607276



686F7A



# Sweetspot

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



7B6B67



A19A99



7B6777



524E4D



D1D1D1



525252



# Same Dimension

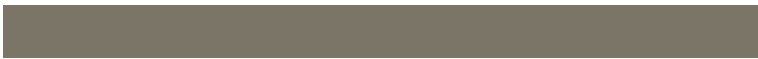
The Same Dimension uses a secret algorithm to generate beautiful new colors.



7B6B67



A18781



7B7567



3D3837



7D1900



FC3200



# Inverse Universe

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



67777B



819AA1



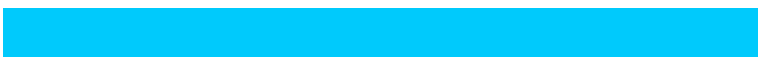
676D7B



373C3D



00647D



00CAFC



# Previews

## White Background



This preview shows how the Hex color 7B6B67 looks on a white background.

## Color Contrast Check

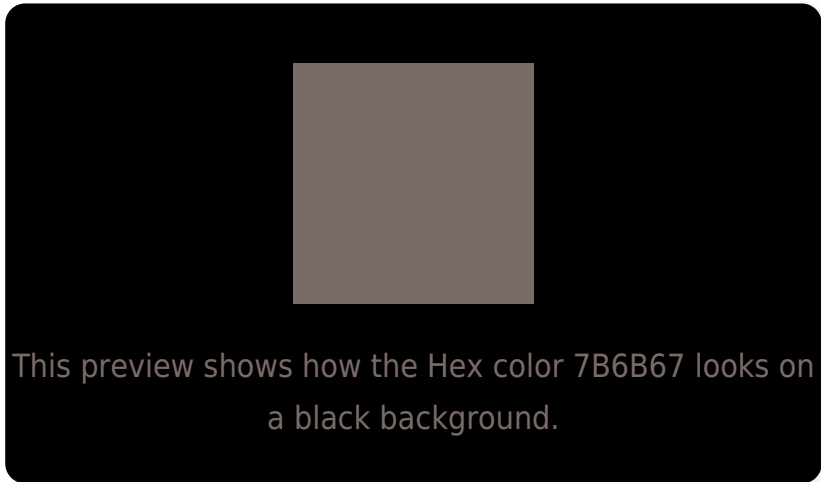
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

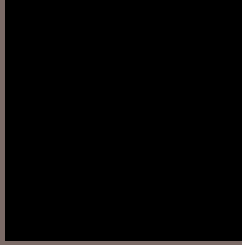
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7B6B67 Background



This preview shows how black text looks on a background with the Hex color 7B6B67.

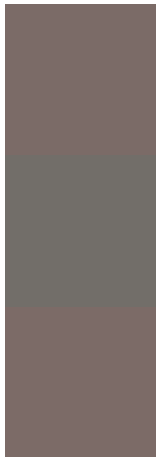


This preview shows how white text looks on a background with the Hex color 7B6B67.

# 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**  
7B6B67

**Protanopia**  
726E69

**Deuteranopia**  
7C6B67



**Tritanopia**  
7C6972

# Trichromacy



**Original Color**

7B6B67

**Protanomaly**

756D68

**Deuteranomaly**

7C6B67

**Tritanomaly**

7C6A6E

# Monochromacy



**Original Color**

7B6B67

**Achromatopsia**

6F6F6F

**Achromatomaly**

736E6C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B6B67 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 #7B6B67 looks like.

```
.text, #text, p{  
    color:#7B6B67  
}
```

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 #7B6B67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B6B67
}
```

## Border

The CSS property to change the border of an element to Hex 7B6B67 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".

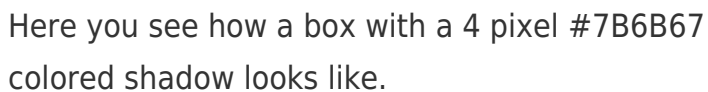
```
.border, #border, table{ border:4px solid
#7B6B67 }
```

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

```
.border{ border-color:#7B6B67 }
```

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

Here you see how a box with a 4 pixel #7B6B67 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B6B67; -webkit-box-shadow:4px 4px  
4px 4px #7B6B67; box-shadow:4px 4px 4px  
4px #7B6B67 }
```

# Background

The CSS property to change the background color of an element to Hex 7B6B67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B6B67 }
```

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

```
.background{ background-color:#7B6B67 }
```

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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