

# Converting Colors

Hex(7B6F63)

Have a look what the booklet for  
Hex(7B6F63) contains.

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**Color**

**Hex(7B6F63)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7B6F63
RGB	123, 111, 99
RGB Percent	48%, 44%, 39%
CMY	0.5176, 0.5647, 0.6118
CMYK	0.00, 0.10, 0.20, 0.52
HSL	30°, 11%, 44%
HSV	30°, 20%, 48%
XYZ	16.1049, 16.4807, 14.1366
YIQ	113.2200, 11.0040, -1.1880

# Conversions

## Conversions Part 2

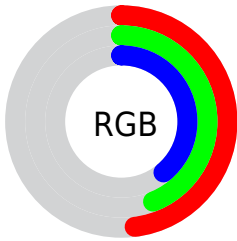
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 123, 99
Decimal	8089443
CIE <sub>Lab</sub>	47.60, 2.55, 8.38
CIE <sub>LCh</sub>	48, 8.759, 73.100
Yxy	16.4807, 0.3447, 0.3527
Android (android.graphics.Color)	4286279523 (0xFF7B6F63)
YUV	113.2200, -7.0105, 8.5771
Hunter-Lab	40.5964, -0.2312, 7.7713

# Details

The Hex color **7B6F63** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **636F7B**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **B0A396**, and **4A3F34** is the 20% darker color. If you saturate the color by 10%, you get **7B6957**, and if you desaturate by 10%, it is **7B756F**.

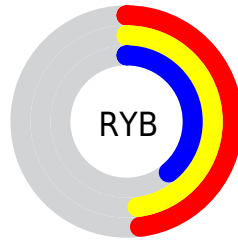
# Distribution



Red (48%)

Green (44%)

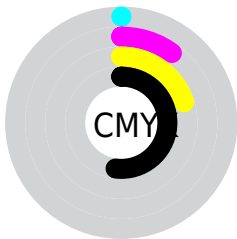
Blue (39%)



Red (48%)

Yellow (48%)

Blue (39%)

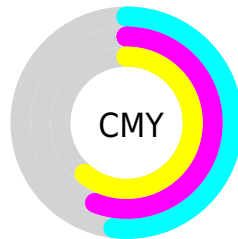


Cyan (0%)

Magenta (10%)

Yellow (20%)

Black (52%)



Cyan (52%)

Magenta (56%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B6F63 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 7B6F63 by changing the saturation by 10% instead.



7B6F63

7B6F63

FFFFFF

62574B

B0A396

4A3F34

CBBEB0

332A1F

E7D9CC

1F1507

FFF6E8

000000

7B6F63

7B6F63

7B6957

7B756F

7B634A

7B7B7C

7B5D3E

7B8188

 7B5632

 7B8894

 7B5025

 7B8EA1

 7B4A19

 7B94AD

 7B440D

 7B9AB9

 7B3E01

 7BA0C5

 7B3E00

 7BA6D2

# Harmonies

## Analogous

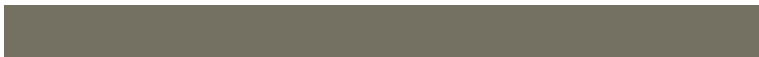
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



806D67



7B6F63



747163

# Triad

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



7B6F63



5F7574



766E7C

# Complementary

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



7B6F63



636F7B

# 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.



6D707F



7B6F63



5F757B

# Square

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



7B6F63



63756C



64737F



7D6C75

# Rectangle

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



7B6F63



6E7364



64737F



736F7D



# Sweetspot

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



7B6F63



A19C97



7B636F



524F4C



D1D1D1



525252



# Same Dimension

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



7B6F63



A18E7C



7B7B63



3D3A37



7D3E00



FC7E00



# Inverse Universe

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



636F7B



7C8EA1



63637B



373A3D



003E7D



007EFC



# Previews

## White Background



This preview shows how the Hex color 7B6F63 looks on a white background.

## Color Contrast Check

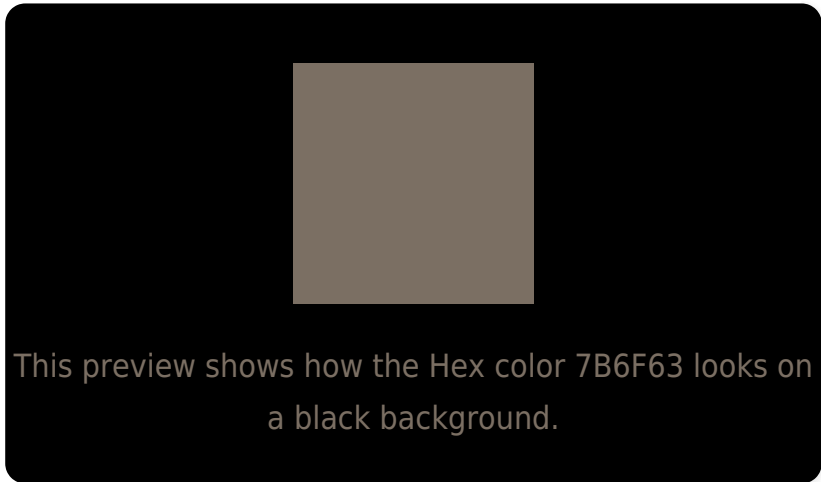
Large Text (above 18pt) WCAG AA ✓ Pass

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

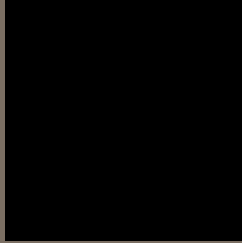
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7B6F63 Background



This preview shows how black text looks on a background with the Hex color 7B6F63.

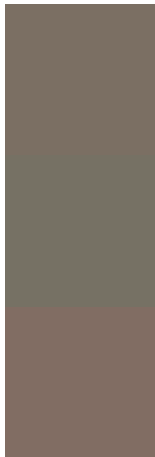


This preview shows how white text looks on a background with the Hex color 7B6F63.

# 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**  
7B6F63

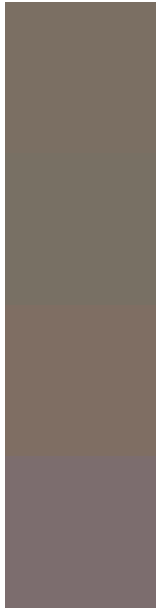
**Protanopia**  
767164

**Deuteranopia**  
816D63



**Tritanopia**  
7D6C75

# Trichromacy



**Original Color**  
7B6F63

**Protanomaly**  
787064

**Deuteranomaly**  
7F6E63

**Tritanomaly**  
7C6D6E

# Monochromacy



**Original Color**  
7B6F63

**Achromatopsia**  
717171

**Achromatomaly**  
75706C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B6F63 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 #7B6F63 looks like.

```
.text, #text, p{  
    color:#7B6F63  
}
```

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 #7B6F63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B6F63
}
```

## Border

The CSS property to change the border of an element to Hex 7B6F63 is called "border". The border property can be set on classes, ids or directly on the HTML element.

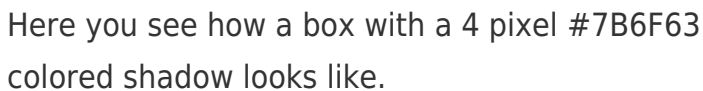
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B6F63 }
```

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

```
.border{ border-color:#7B6F63 }
```

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



Here you see how a box with a 4 pixel #7B6F63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B6F63; -webkit-box-shadow:4px 4px  
4px 4px #7B6F63; box-shadow:4px 4px 4px  
4px #7B6F63 }
```

# Background

The CSS property to change the background color of an element to Hex 7B6F63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B6F63 }
```

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

```
.background{ background-color:#7B6F63 }
```

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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