

# Converting Colors

Hex(7B735C)

Have a look what the booklet for  
Hex(7B735C) contains.

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**Color**

**Hex(7B735C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B735C
RGB	123, 115, 92
RGB Percent	48%, 45%, 36%
CMY	0.5176, 0.5490, 0.6392
CMYK	0.00, 0.07, 0.25, 0.52
HSL	45°, 14%, 42%
HSV	45°, 25%, 48%
XYZ	16.2309, 17.2451, 12.5984
YIQ	114.7700, 12.1510, -5.4570

# Conversions

## Conversions Part 2

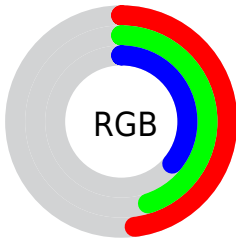
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 123, 92
Decimal	8090460
CIE Lab	48.57, -0.91, 13.87
CIE LCh	49, 13.895, 93.751
Yxy	17.2451, 0.3523, 0.3743
Android (android.graphics.Color)	4286280540 (0xFF7B735C)
YUV	114.7700, -11.2256, 7.2177
Hunter-Lab	41.5273, -2.9062, 11.0819

# Details

The Hex color **7B735C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5C647B**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **B0A78E**, and **4A432E** is the 20% darker color. If you saturate the color by 10%, you get **7B7050**, and if you desaturate by 10%, it is **7B7668**.

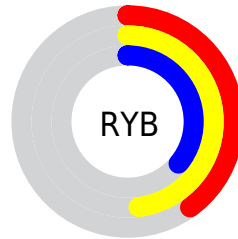
# Distribution



Red (48%)

Green (45%)

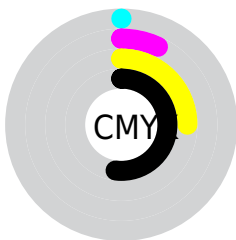
Blue (36%)



Red (40%)

Yellow (48%)

Blue (36%)

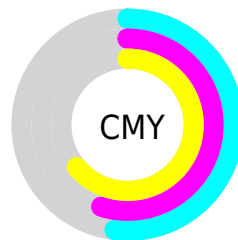


Cyan (0%)

Magenta (7%)

Yellow (25%)

Black (52%)



Cyan (52%)

Magenta (55%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B735C 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 7B735C by changing the saturation by 10% instead.





7B735C



7B735C

FFFFFF



625A44



B0A78E



4A432E



CBC2A9



332D19



E8DEC4



1F1800



FFFAE0



000000

FFFFFFD



7B735C



7B735C



7B7050



7B7668



7B6D43



7B7975

 7B6937

 7B7D81

 7B662B

 7B808D

 7B631E

 7B839A

 7B6012

 7B86A6

 7B5D06

 7B89B2

 7B5B00

 7B8CBE

 7B90CB

# Harmonies

## Analogous

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



866F5F



7B735C



6E7760

# Triad

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



7B735C



547A80



846D7E

# Complementary

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



7B735C



5C647B

# 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.



777087



7B735C



5A7788

# Square

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



7B735C



577A74



68748B



8B6B72

# Rectangle

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



7B735C



657865



68748B



806D81



# Sweetspot

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



7B735C



A19D94



7B5C64



524F49



D1D1D1



525252



# Same Dimension

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



7B735C



A19470



747B5C



3D3C37



7D5D00



FCBB00



# Inverse Universe

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



5C647B



707DA1



635C7B



37393D



00207D



0041FC



# Previews

## White Background



This preview shows how the Hex color 7B735C looks on a white background.

## Color Contrast Check

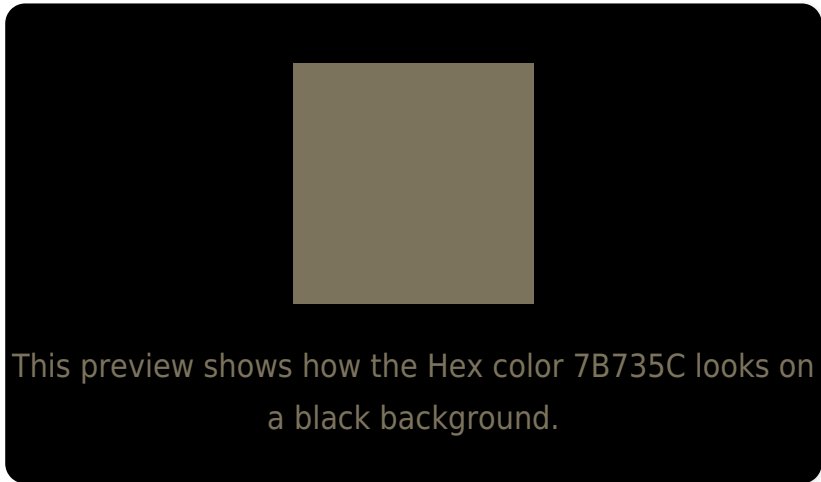
Large Text (above 18pt) WCAG AA ✓ Pass

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

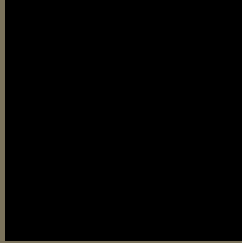
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

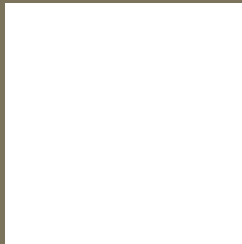
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7B735C Background



This preview shows how black text looks on a background with the Hex color 7B735C.



This preview shows how white text looks on a background with the Hex color 7B735C.

# 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**  
7B735C

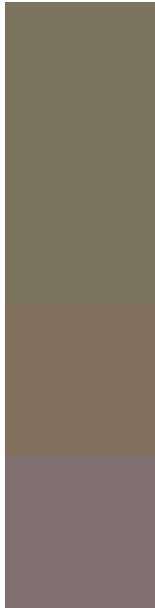
**Protanopia**  
7B735C

**Deuteranopia**  
866F5D



**Tritanopia**  
7E6F78

# Trichromacy



**Original Color**  
7B735C

**Protanomaly**  
7B735C

**Deuteranomaly**  
82705D

**Tritanomaly**  
7D706E

# Monochromacy



**Original Color**  
7B735C

**Achromatopsia**  
737373

**Achromatomaly**  
76736B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B735C 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 #7B735C looks like.

```
.text, #text, p{  
    color:#7B735C  
}
```

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 #7B735C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B735C
}
```

## Border

The CSS property to change the border of an element to Hex 7B735C is called "border". The border property can be set on classes, ids or directly on the HTML element.

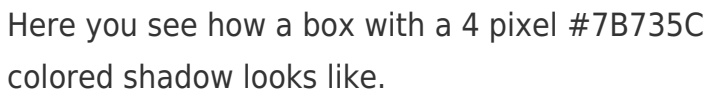
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B735C }
```

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

```
.border{ border-color:#7B735C }
```

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



Here you see how a box with a 4 pixel #7B735C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B735C; -webkit-box-shadow:4px 4px  
4px 4px #7B735C; box-shadow:4px 4px 4px  
4px #7B735C }
```

# Background

The CSS property to change the background color of an element to Hex 7B735C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B735C }
```

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

```
.background{ background-color:#7B735C }
```

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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