

# Converting Colors

Hex(7B743C)

Have a look what the booklet for  
Hex(7B743C) contains.

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**Color**

**Hex(7B743C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7B743C
RGB	123, 116, 60
RGB Percent	48%, 45%, 24%
CMY	0.5176, 0.5451, 0.7647
CMYK	0.00, 0.06, 0.51, 0.52
HSL	53°, 34%, 36%
HSV	53°, 51%, 48%
XYZ	15.2294, 17.0280, 6.7590
YIQ	111.7090, 22.1480, -15.9320

# Conversions

## Conversions Part 2

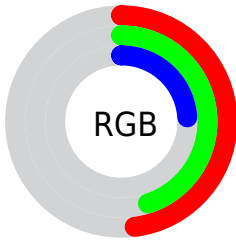
<b>Format</b>	<b>Color</b>
<b>RYB</b>	68, 123, 60
Decimal	8090684
CIELab	48.30, -5.56, 31.66
CIELCh	48, 32.149, 99.965
Yxy	17.0280, 0.3903, 0.4364
Android (android.graphics.Color)	4286280764 (0xFF7B743C)
YUV	111.7090, -25.4925, 9.9022
Hunter-Lab	41.2650, -6.3359, 19.1740

# Details

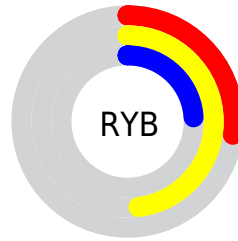
The Hex color **7B743C** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3C437B**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **B1A86D**, and **48440D** is the 20% darker color. If you saturate the color by 10%, you get **7B7330**, and if you desaturate by 10%, it is **7B7548**.

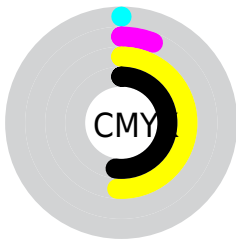
# Distribution



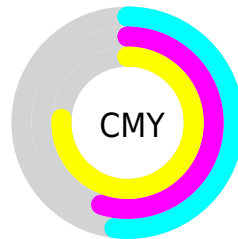
- Red (48%)
- Green (45%)
- Blue (24%)



- Red (27%)
- Yellow (48%)
- Blue (24%)



- Cyan (0%)
- Magenta (6%)
- Yellow (51%)
- Black (52%)



- Cyan (52%)
- Magenta (55%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B743C 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 7B743C by changing the saturation by 10% instead.



 7B743C

 7B743C

FFFFFF

 615C25

 B1A86D

 48440D

 CDC387

 312E00

 E9DFA1

 191A00

 FFFBBC

 000000

 FFFFD8

 FFFFF5

 7B743C

 7B743C

 7B7330

 7B7548

 7B7123

 7B7755

 7B7017

 7B7861

 7B6F0B

 7B796D

 7B6D00

 7B7B7A

 7B7C86

 7B7E92

 7B7F9E

 7B80AB

# Harmonies

## Analogous

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



936B40



7B743C



5D7B48

# Triad

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



7B743C



007F95



9C6086

# Complementary

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



7B743C



3C437B

# 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.



81689C



7B743C



1D7BA5

# Square

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



7B743C



00817B



5872A8



A75D6B

# Rectangle

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



7B743C



477E57



5872A8



94628E



# Sweetspot

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



7B743C



A19E89



7B3C43



525043



D1D1D1



525252



# Same Dimension

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



7B743C



A1963F



637B3C



3D3D37



7D6F00



FCE000



# Inverse Universe

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



3C437B



3F4AA1



543C7B



37383D



000E7D



001CFC



# Previews

## White Background



This preview shows how the Hex color 7B743C looks on a white background.

## Color Contrast Check

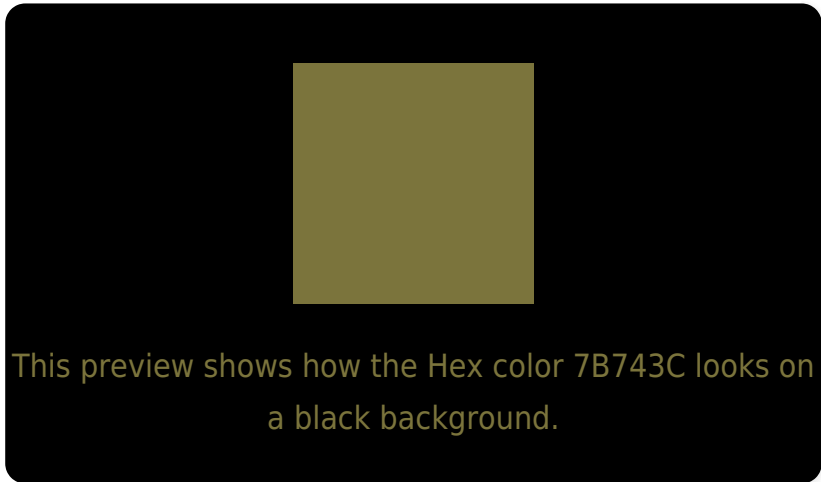
Large Text (above 18pt) WCAG AA ✓ Pass

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

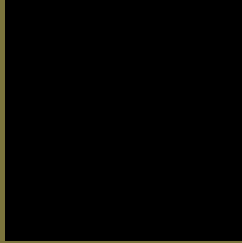
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7B743C Background



This preview shows how black text looks on a background with the Hex color 7B743C.



This preview shows how white text looks on a background with the Hex color 7B743C.

# 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**  
7B743C

**Protanopia**  
7F733C

**Deuteranopia**  
8C6D3E



**Tritanopia**  
816D76

# Trichromacy



**Original Color**  
7B743C

**Protanomaly**  
7E733C

**Deuteranomaly**  
86703D

**Tritanomaly**  
7F7061

# Monochromacy



**Original Color**  
7B743C

**Achromatopsia**  
707070

**Achromatomaly**  
74715D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B743C 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 #7B743C looks like.

```
.text, #text, p{  
    color:#7B743C  
}
```

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 #7B743C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B743C
}
```

## Border

The CSS property to change the border of an element to Hex 7B743C 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
#7B743C }
```

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

```
.border{ border-color:#7B743C }
```

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

Here you see how a box with a 4 pixel #7B743C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B743C; -webkit-box-shadow:4px 4px  
4px 4px #7B743C; box-shadow:4px 4px 4px  
4px #7B743C }
```

# Background

The CSS property to change the background color of an element to Hex 7B743C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B743C }
```

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

```
.background{ background-color:#7B743C }
```

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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