

# Converting Colors

Hex(7C703B)

Have a look what the booklet for  
Hex(7C703B) contains.

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**Color**

**Hex(7C703B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7C703B
RGB	124, 112, 59
RGB Percent	49%, 44%, 23%
CMY	0.5137, 0.5608, 0.7686
CMYK	0.00, 0.10, 0.52, 0.51
HSL	49°, 36%, 36%
HSV	49°, 52%, 49%
XYZ	14.8958, 16.1892, 6.4774
YIQ	109.5460, 24.1650, -13.9390

# Conversions

## Conversions Part 2

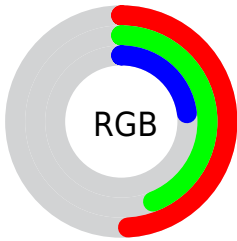
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	74, 124, 59
Decimal	8155195
CIE Lab	47.22, -2.93, 30.93
CIE LCh	47, 31.067, 95.418
Yxy	16.1892, 0.3966, 0.4310
Android (android.graphics.Color)	4286345275 (0xFF7C703B)
YUV	109.5460, -24.9192, 12.6762
Hunter-Lab	40.2358, -4.3298, 18.6202

# Details

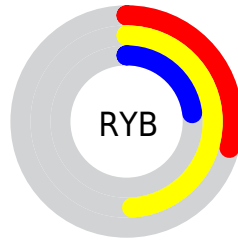
The Hex color **7C703B** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3B477C**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **B2A46C**, and **49410D** is the 20% darker color. If you saturate the color by 10%, you get **7C6E2F**, and if you desaturate by 10%, it is **7C7247**.

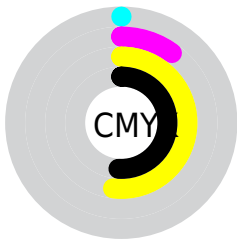
# Distribution



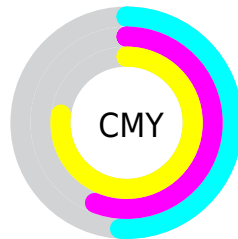
- Red (49%)
- Green (44%)
- Blue (23%)



- Red (29%)
- Yellow (49%)
- Blue (23%)



- Cyan (0%)
- Magenta (10%)
- Yellow (52%)
- Black (51%)



- Cyan (51%)
- Magenta (56%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C703B 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 7C703B by changing the saturation by 10% instead.



 7C703B

 7C703B

FFFFFF

 625824

 B2A46C

 49410D

 CEBF85

 322B00

 EBDAA0

 191700

 FFF7BB

 000000

 FFFFD7

 FFFFF3

 7C703B

 7C703B

 7C6E2F

 7C7247

 7C6B22

 7C7554

 7C6916

 7C7760

 7C6709

 7C796D

 7C6500

 7C7B79

 7C7E85

 7C8092

 7C829E

 7C85AB

# Harmonies

## Analogous

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



926741



7C703B



607744

# Triad

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



7C703B



007D8D



955F86

# Complementary

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



7C703B



3B477C

# 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.



79679B



7C703B



13789F

# Square

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



7C703B



0B7E74



5071A4



A15B6C

# Rectangle

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



7C703B



4B7B51



5071A4



8D618E



# Sweetspot

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



7C703B



A19C87



7C3B48



524F42



D1D1D1



525252



# Same Dimension

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



7C703B



A18E3B



697C3B



3D3C37



7D6600



FCCE00



# Inverse Universe

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



3B477C



3B4EA1



4F3B7C



37383D



00177D



002FFC



# Previews

## White Background



This preview shows how the Hex color 7C703B 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

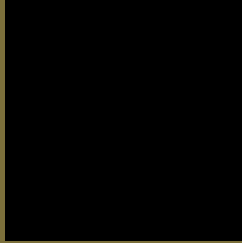
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7C703B Background



This preview shows how black text looks on a background with the Hex color 7C703B.



This preview shows how white text looks on a background with the Hex color 7C703B.

# 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**

7C703B

**Protanopia**

7C703B

**Deuteranopia**

896B3C



**Tritanopia**  
816A72

# Trichromacy



**Original Color**  
7C703B

**Protanomaly**  
7C703B

**Deuteranomaly**  
846D3C

**Tritanomaly**  
7F6C5E

# Monochromacy



**Original Color**  
7C703B

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
736F5B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C703B 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 #7C703B looks like.

```
.text, #text, p{  
    color:#7C703B  
}
```

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 #7C703B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C703B
}
```

## Border

The CSS property to change the border of an element to Hex 7C703B 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
#7C703B }
```

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

```
.border{ border-color:#7C703B }
```

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

Here you see how a box with a 4 pixel #7C703B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C703B; -webkit-box-shadow:4px 4px  
4px 4px #7C703B; box-shadow:4px 4px 4px  
4px #7C703B }
```

# Background

The CSS property to change the background color of an element to Hex 7C703B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C703B }
```

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

```
.background{ background-color:#7C703B }
```

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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