

Converting Colors

Hex(7D703C)

Have a look what the booklet for
Hex(7D703C) contains.

Hex(7D703C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7D703C)

Conversions

Conversions Part 1

Format	Color
Hex	7D703C
RGB	125, 112, 60
RGB Percent	49%, 44%, 24%
CMY	0.5098, 0.5608, 0.7647
CMYK	0.00, 0.10, 0.52, 0.51
HSL	48°, 35%, 36%
HSV	48°, 52%, 49%
XYZ	15.0672, 16.2746, 6.6221
YIQ	109.9590, 24.4400, -13.4160

Conversions

Conversions Part 2

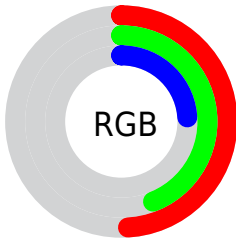
Format	Color
RYB	76, 125, 60
Decimal	8220732
CIELab	47.33, -2.38, 30.54
CIELCh	47, 30.635, 94.458
Yxy	16.2746, 0.3969, 0.4287
Android (android.graphics.Color)	4286410812 (0xFF7D703C)
YUV	109.9590, -24.6298, 13.1910
Hunter-Lab	40.3417, -3.9301, 18.5067

Details

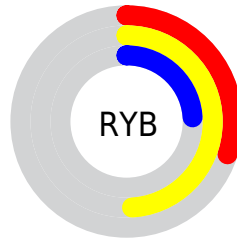
The Hex color **7D703C** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3C497D**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **B3A46D**, and **4A410E** is the 20% darker color. If you saturate the color by 10%, you get **7D6E30**, and if you desaturate by 10%, it is **7D7349**.

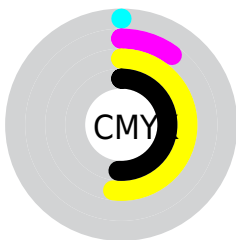
Distribution



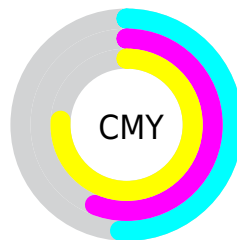
- Red (49%)
- Green (44%)
- Blue (24%)



- Red (30%)
- Yellow (49%)
- Blue (24%)



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



- Cyan (51%)
- Magenta (56%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D703C 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 7D703C by changing the saturation by 10% instead.

 7D703C

 7D703C

FFFFFF

 635825

 B3A46D

 4A410E

 CFBF86

 332B00

 ECDAA1

 1A1700

 FFF7BC

 000000

 FFFFD8

 FFFFF5

 7D703C

 7D703C

 7D6E30

 7D7349

 7D6B23

 7D7555

 7D6917

 7D7762

 7D660A

 7D7A6E

 7D6400

 7D7D7A

 7D7F87

 7D8293

 7D84A0

 7D87AC

Harmonies

Analogous

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



936742



7D703C



627745

Triad

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



7D703C



007D8D



945F87

Complementary

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



7D703C



3C497D

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.



78689B



7D703C



16799E

Square

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



7D703C



137E73



4F72A3



A15C6D

Rectangle

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



7D703C



4D7B51



4F72A3



8C628F

Sweetspot

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



7D703C



A39E89



7D3C49



524E42



D1D1D1



525252

Same Dimension

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



7D703C



A38F3E



6A7D3C



403E39



806600



000000

Inverse Universe

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



3C497D



3E52A3



4F3C7D



393B40



001A80



000000

Previews

White Background



This preview shows how the Hex color 7D703C looks on a white background.

Color Contrast Check

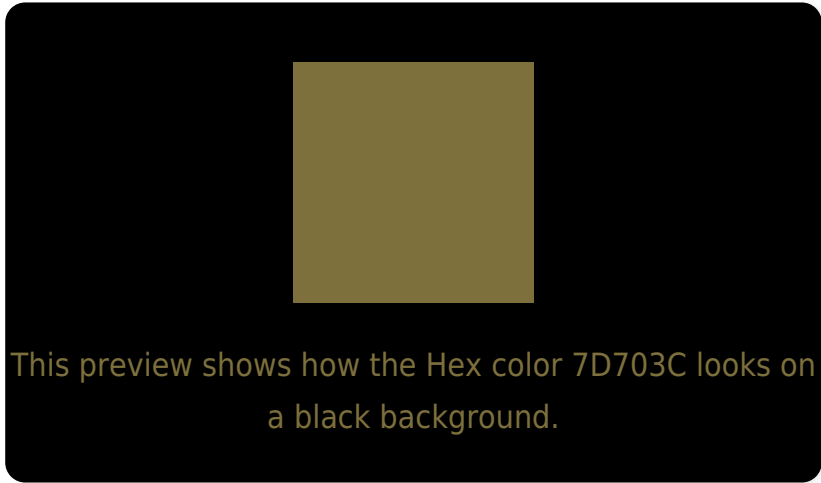
Large Text (above 18pt) WCAG AA ✓ Pass

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

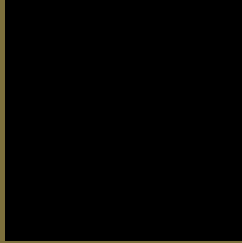
Any Text WCAG AA × Fail

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 7D703C Background



This preview shows how black text looks on a background with the Hex color 7D703C.



This preview shows how white text looks on a background with the Hex color 7D703C.

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
7D703C

Protanopia
7C703C

Deuteranopia
896B3D



Tritanopia
826A72

Trichromacy



Original Color
7D703C

Protanomaly
7C703C

Deuteranomaly
856D3D

Tritanomaly
806C5E

Monochromacy



Original Color
7D703C

Achromatopsia
6E6E6E

Achromatomaly
736F5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D703C 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 #7D703C looks like.

```
.text, #text, p{  
    color:#7D703C  
}
```

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 #7D703C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D703C
}
```

Border

The CSS property to change the border of an element to Hex 7D703C 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
#7D703C }
```

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

```
.border{ border-color:#7D703C }
```

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

Here you see how a box with a 4 pixel #7D703C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D703C; -webkit-box-shadow:4px 4px  
4px 4px #7D703C; box-shadow:4px 4px 4px  
4px #7D703C }
```

Background

The CSS property to change the background color of an element to Hex 7D703C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D703C }
```

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

```
.background{ background-color:#7D703C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor