

# Converting Colors

Hex(7A704C)

Have a look what the booklet for  
Hex(7A704C) contains.

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**Color**

**Hex(7A704C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A704C
RGB	122, 112, 76
RGB Percent	48%, 44%, 30%
CMY	0.5216, 0.5608, 0.7020
CMYK	0.00, 0.08, 0.38, 0.52
HSL	47°, 23%, 39%
HSV	47°, 38%, 48%
XYZ	15.1247, 16.2477, 9.1764
YIQ	110.8860, 17.5160, -9.0760

# Conversions

## Conversions Part 2

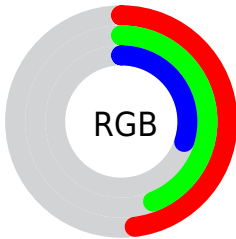
<b>Format</b>	<b>Color</b>
<b>RYB</b>	89, 122, 76
Decimal	8024140
CIELab	47.30, -1.89, 21.45
CIELCh	47, 21.530, 95.029
Yxy	16.2477, 0.3730, 0.4007
Android (android.graphics.Color)	4286214220 (0xFF7A704C)
YUV	110.8860, -17.1988, 9.7470
Hunter-Lab	40.3085, -3.5623, 14.7182

# Details

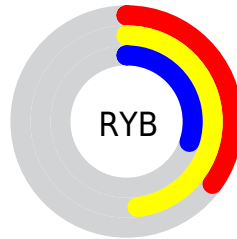
The Hex color **7A704C** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4C567A**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **AFA47D**, and **48401F** is the 20% darker color. If you saturate the color by 10%, you get **7A6D40**, and if you desaturate by 10%, it is **7A7358**.

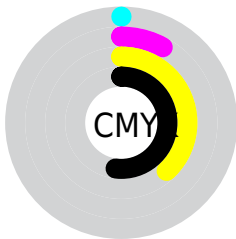
# Distribution



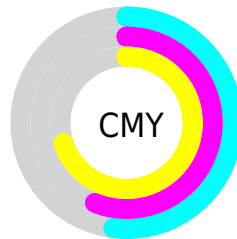
- Red (48%)
- Green (44%)
- Blue (30%)



- Red (35%)
- Yellow (48%)
- Blue (30%)



- Cyan (0%)
- Magenta (8%)
- Yellow (38%)
- Black (52%)



- Cyan (52%)
- Magenta (56%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A704C 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 7A704C by changing the saturation by 10% instead.





7A704C



7A704C

FFFFFF



615835



AFA47D



48401F



CBBF97



312B08



E7DAB2



1B1600



FFF7CE



000000



FFFFEА



7A704C



7A704C



7A6D40



7A7358



7A6B34



7A7564

 7A6827

 7A7871

 7A651B

 7A7B7D

 7A630F

 7A7D89

 7A6003

 7A8095

 7A5F00

 7A83A1

 7A85AE

 7A88BA

# Harmonies

## Analogous

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



8A6A50



7A704C



667552

# Triad

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



7A704C



377984



8A6580

# Complementary

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



7A704C



4C567A

# 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.



776A8E



7A704C



447690

# Square

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



7A704C



3E7A73



5D7194



94636E

# Rectangle

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



7A704C



58785B



5D7194



846785



# Sweetspot

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



7A704C



9E9A8D



7A4C57



4F4D45



CFCFCF



4F4F4F



# Same Dimension

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



7A704C



9E8F57



6E7A4C



3D3C37



7D6200



FCC600



# Inverse Universe

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



4C567A



57669E



584C7A



37383D



001B7D



0037FC



# Previews

## White Background



This preview shows how the Hex color 7A704C looks on a white background.

## Color Contrast Check

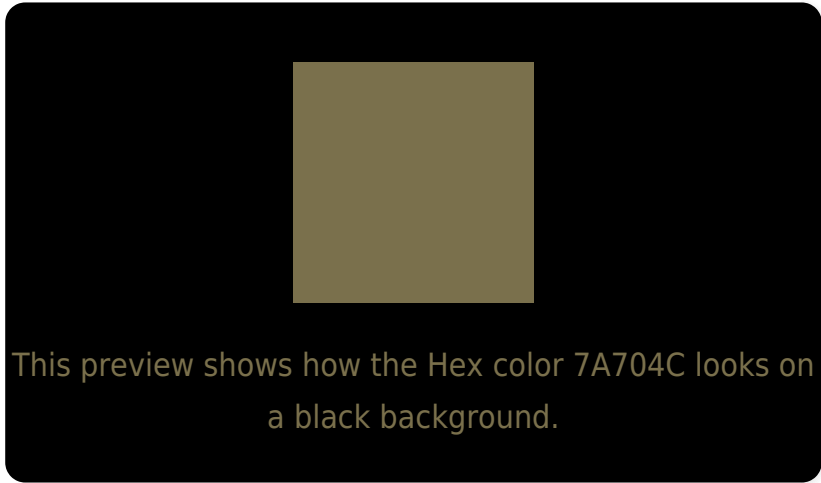
Large Text (above 18pt) WCAG AA ✓ Pass

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

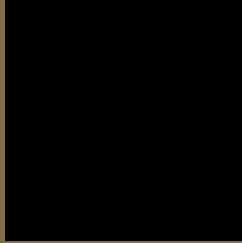
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7A704C Background



This preview shows how black text looks on a background with the Hex color 7A704C.



This preview shows how white text looks on a background with the Hex color 7A704C.

# 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**  
7A704C

**Protanopia**  
7A704C

**Deuteranopia**  
866B4D



**Tritanopia**  
7E6B73

# Trichromacy



**Original Color**  
7A704C

**Protanomaly**  
7A704C

**Deuteranomaly**  
826D4D

**Tritanomaly**  
7D6D65

# Monochromacy



**Original Color**  
7A704C

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
736F62

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A704C 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 #7A704C looks like.

```
.text, #text, p{  
    color:#7A704C  
}
```

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 #7A704C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A704C
}
```

## Border

The CSS property to change the border of an element to Hex 7A704C 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".

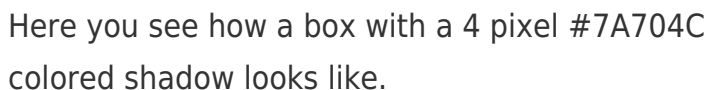
```
.border, #border, table{ border:4px solid
#7A704C }
```

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

```
.border{ border-color:#7A704C }
```

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

Here you see how a box with a 4 pixel #7A704C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A704C; -webkit-box-shadow:4px 4px  
4px 4px #7A704C; box-shadow:4px 4px 4px  
4px #7A704C }
```

# Background

The CSS property to change the background color of an element to Hex 7A704C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A704C }
```

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

```
.background{ background-color:#7A704C }
```

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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