

# Converting Colors

Hex(7C6A3E)

Have a look what the booklet for  
Hex(7C6A3E) contains.

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**Color**

**Hex(7C6A3E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7C6A3E
RGB	124, 106, 62
RGB Percent	49%, 42%, 24%
CMY	0.5137, 0.5843, 0.7569
CMYK	0.00, 0.15, 0.50, 0.51
HSL	43°, 33%, 36%
HSV	43°, 50%, 49%
XYZ	14.3357, 14.9410, 6.6857
YIQ	106.3660, 24.8520, -9.8680

# Conversions

## Conversions Part 2

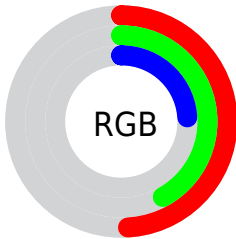
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	87, 124, 62
Decimal	8153662
CIE <sub>Lab</sub>	45.55, 0.84, 27.22
CIE <sub>LCh</sub>	46, 27.236, 88.239
Yxy	14.9410, 0.3986, 0.4155
Android (android.graphics.Color)	4286343742 (0xFF7C6A3E)
YUV	106.3660, -21.8724, 15.4650
Hunter-Lab	38.6535, -1.4421, 16.8023

# Details

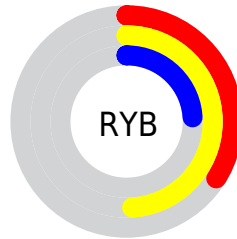
The Hex color **7C6A3E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3E507C**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **B29D6E**, and **493B11** is the 20% darker color. If you saturate the color by 10%, you get **7C6632**, and if you desaturate by 10%, it is **7C6E4A**.

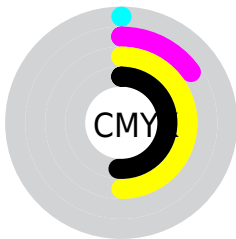
# Distribution



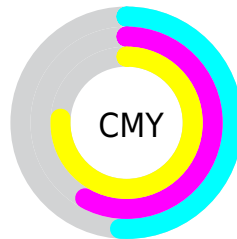
- Red (49%)
- Green (42%)
- Blue (24%)



- Red (34%)
- Yellow (49%)
- Blue (24%)



- Cyan (0%)
- Magenta (15%)
- Yellow (50%)
- Black (51%)



- Cyan (51%)
- Magenta (58%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C6A3E 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 7C6A3E by changing the saturation by 10% instead.



 7C6A3E

 7C6A3E

FFFFFF

 625227

 B29D6E

 493B11

 CEB888

 322500

 EBD4A3

 1A1100

 FFF0BE

 000000

 FFFFDA

 FFFFF6

 7C6A3E

 7C6A3E

 7C6632

 7C6E4A

 7C6325

 7C7157

 7C5F19

 7C7563

 7C5C0C

 7C7870

 7C5800

 7C7C7C

 7C8088

 7C8395

 7C87A1

 7C8AAE

# Harmonies

## Analogous

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



8E6246



7C6A3E



657143

# Triad

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



7C6A3E



077881



875F84

# Complementary

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



7C6A3E



3E507C

# 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.



6C6694



7C6A3E



1E7492

# Square

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



7C6A3E



2B786A



486E99



965A6E

# Rectangle

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



7C6A3E



53744D



486E99



80618A



# Sweetspot

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



7C6A3E



A19A89



7C3E51



524D43



D1D1D1



525252



# Same Dimension

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



7C6A3E



A18540



707C3E



3D3B37



7D5900



FCB300



# Inverse Universe

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



3E507C



405CA1



4A3E7C



37393D



00247D



0049FC



# Previews

## White Background



This preview shows how the Hex color 7C6A3E looks on a white background.

## Color Contrast Check

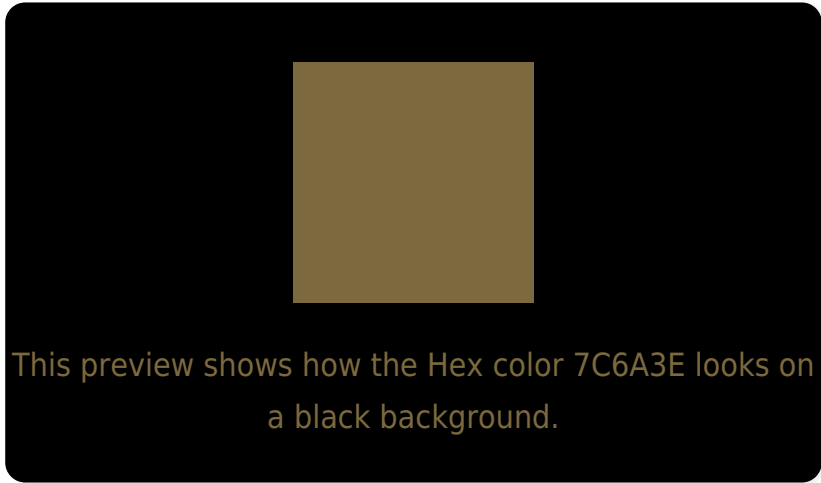
Large Text (above 18pt) WCAG AA ✓ Pass

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

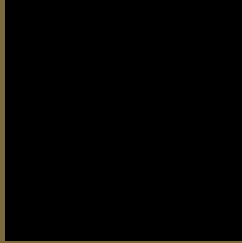
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7C6A3E Background



This preview shows how black text looks on a background with the Hex color 7C6A3E.



This preview shows how white text looks on a background with the Hex color 7C6A3E.

# 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**  
7C6A3E

**Protanopia**  
766C3F

**Deuteranopia**  
83673F



**Tritanopia**  
80656C

# Trichromacy



**Original Color**  
7C6A3E

**Protanomaly**  
786B3F

**Deuteranomaly**  
80683F

**Tritanomaly**  
7F675B

# Monochromacy



**Original Color**  
7C6A3E

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
716A5A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C6A3E 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 #7C6A3E looks like.

```
.text, #text, p{  
    color:#7C6A3E  
}
```

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 #7C6A3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C6A3E
}
```

## Border

The CSS property to change the border of an element to Hex 7C6A3E 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
#7C6A3E }
```

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

```
.border{ border-color:#7C6A3E }
```

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

Here you see how a box with a 4 pixel #7C6A3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C6A3E; -webkit-box-shadow:4px 4px  
4px 4px #7C6A3E; box-shadow:4px 4px 4px  
4px #7C6A3E }
```

# Background

The CSS property to change the background color of an element to Hex 7C6A3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C6A3E }
```

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

```
.background{ background-color:#7C6A3E }
```

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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