

Converting Colors

Hex(7F6D46)

Have a look what the booklet for
Hex(7F6D46) contains.

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Color

Hex(7F6D46)

Conversions

Conversions Part 1

Format	Color
Hex	7F6D46
RGB	127, 109, 70
RGB Percent	50%, 43%, 27%
CMY	0.5020, 0.5725, 0.7255
CMYK	0.00, 0.14, 0.45, 0.50
HSL	41°, 29%, 39%
HSV	41°, 45%, 50%
XYZ	15.3265, 15.8915, 8.0539
YIQ	109.9360, 23.2470, -8.3130

Conversions

Conversions Part 2

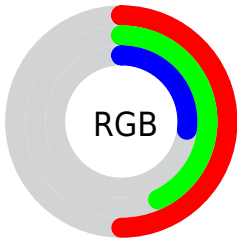
Format	Color
R_{YB}	96, 127, 70
Decimal	8351046
CIE _{Lab}	46.83, 1.32, 24.38
CIE _{LCh}	47, 24.412, 86.898
Yxy	15.8915, 0.3903, 0.4047
Android (android.graphics.Color)	4286541126 (0xFF7F6D46)
YUV	109.9360, -19.6884, 14.9651
Hunter-Lab	39.8641, -1.1345, 15.9263

Details

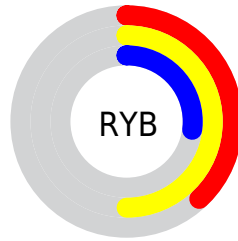
The Hex color **7F6D46** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **46587F**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **B5A077**, and **4C3E19** is the 20% darker color. If you saturate the color by 10%, you get **7F6939**, and if you desaturate by 10%, it is **7F7153**.

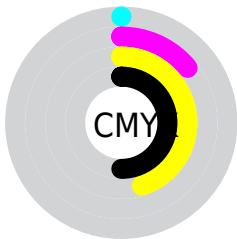
Distribution



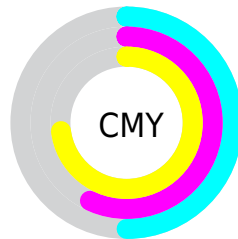
- Red (50%)
- Green (43%)
- Blue (27%)



- Red (38%)
- Yellow (50%)
- Blue (27%)



- Cyan (0%)
- Magenta (14%)
- Yellow (45%)
- Black (50%)



- Cyan (50%)
- Magenta (57%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F6D46 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 7F6D46 by changing the saturation by 10% instead.



7F6D46



7F6D46

FFFFFF



65552F



B5A077



4C3E19



D1BB91



352800



EED7AB



1E1400



FFF3C7



000000



FFFFE3



7F6D46



7F6D46



7F6939



7F7153



7F652D



7F755F

 7F6120

 7F796C

 7F5D13

 7F7D79

 7F5907

 7F8185

 7F5700

 7F8592

 7F899F

 7F8DAC

 7F91B8

Harmonies

Analogous

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



8F664D



7F6D46



6A734A

Triad

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



7F6D46



287A81



876486

Complementary

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



7F6D46



46587F

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.



6F6A93



7F6D46



327791

Square

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



7F6D46



397A6C



507298



956072

Rectangle

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



7F6D46



5A7752



507298



80668B

Sweetspot

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



7F6D46



A69F90



7F4658



545047



D4D4D4



545454

Same Dimension

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



7F6D46



A6894C



757F46



403E39



805700



000000

Inverse Universe

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



46587F



4C69A6



50467F



393B40



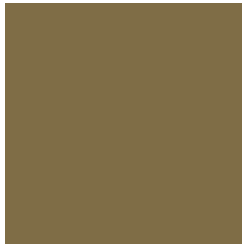
002880



000000

Previews

White Background



This preview shows how the Hex color 7F6D46 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

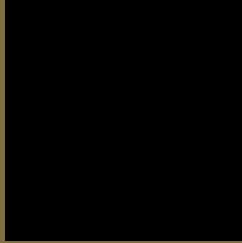
Any Text WCAG AA × Fail

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 7F6D46 Background



This preview shows how black text looks on a background with the Hex color 7F6D46.



This preview shows how white text looks on a background with the Hex color 7F6D46.

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

7F6D46

Protanopia

796F47

Deuteranopia

866A47



Tritanopia
836870

Trichromacy



Original Color
7F6D46

Protanomaly
7B6E47

Deuteranomaly
836B47

Tritanomaly
826A61

Monochromacy



Original Color
7F6D46

Achromatopsia
6E6E6E

Achromatomaly
746E5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F6D46 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 #7F6D46 looks like.

```
.text, #text, p{  
    color:#7F6D46  
}
```

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 #7F6D46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F6D46
}
```

Border

The CSS property to change the border of an element to Hex 7F6D46 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
#7F6D46 }
```

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

```
.border{ border-color:#7F6D46 }
```

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

Here you see how a box with a 4 pixel #7F6D46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F6D46; -webkit-box-shadow:4px 4px  
4px 4px #7F6D46; box-shadow:4px 4px 4px  
4px #7F6D46 }
```

Background

The CSS property to change the background color of an element to Hex 7F6D46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F6D46 }
```

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

```
.background{ background-color:#7F6D46 }
```

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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