

Converting Colors

Hex(76804C)

Have a look what the booklet for
Hex(76804C) contains.

Hex(76804C)	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(76804C)

Conversions

Conversions Part 1

Format	Color
Hex	76804C
RGB	118, 128, 76
RGB Percent	46%, 50%, 30%
CMY	0.5373, 0.4980, 0.7020
CMYK	0.08, 0.00, 0.41, 0.50
HSL	72°, 25%, 40%
HSV	72°, 41%, 50%
XYZ	16.4949, 19.8117, 9.7921
YIQ	119.0820, 10.7320, -18.2920

Conversions

Conversions Part 2

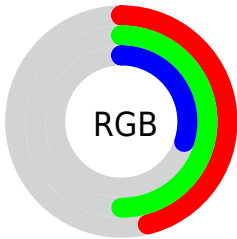
Format	Color
RYB	76, 128, 86
Decimal	7766092
CIELab	51.62, -12.59, 26.99
CIELCh	52, 29.778, 115.004
Yxy	19.8117, 0.3578, 0.4298
Android (android.graphics.Color)	4285956172 (0xFF76804C)
YUV	119.0820, -21.2394, -0.9489
Hunter-Lab	44.5103, -11.7435, 18.1136

Details

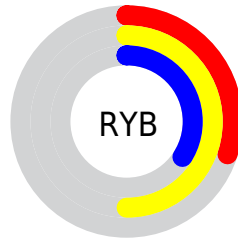
The Hex color **76804C** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **564C80**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **ABB57E**, and **444F1E** is the 20% darker color. If you saturate the color by 10%, you get **74803F**, and if you desaturate by 10%, it is **788059**.

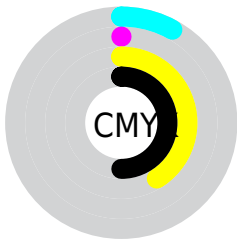
Distribution



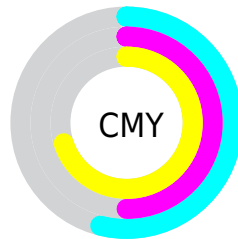
- Red (46%)
- Green (50%)
- Blue (30%)



- Red (30%)
- Yellow (50%)
- Blue (34%)



- Cyan (8%)
- Magenta (0%)
- Yellow (41%)
- Black (50%)



- Cyan (54%)
- Magenta (50%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76804C 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 76804C by changing the saturation by 10% instead.

 76804C

 76804C

FFFFFF

 5D6735

 ABB57E

 444F1E

 C7D098

 2D3807

 E3EDB3

 182300

 FFFFCE

 000B00

 FFFFEB

 000000

 76804C

 76804C

 74803F

 788059

 718032

 7B8066

■ 6F8026

■ 7D8072

■ 6C8019

■ 80807F

■ 6A800C

■ 82808C

■ 678000

■ 858099

■ 8780A6

■ 8A80B2

■ 8C80BF

Harmonies

Analogous

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



907848



76804C



58865D

Triad

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



76804C



2085A4



A96880

Complementary

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



76804C



564C80

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.



976D99



76804C



4F7FAD

Square

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



76804C



108890



7876A9



AC6967

Rectangle

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



76804C



42886D



7876A9



A56989

Sweetspot

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



76804C



A2A692



80564C



525448



D4D4D4



545454

Same Dimension

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



76804C



96A655



5C804C



3F4039



678000



000000

Inverse Universe

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



564C80



6455A6



704C80



3B3940



190080



000000

Previews

White Background



This preview shows how the Hex color 76804C looks on a white background.

Color Contrast Check

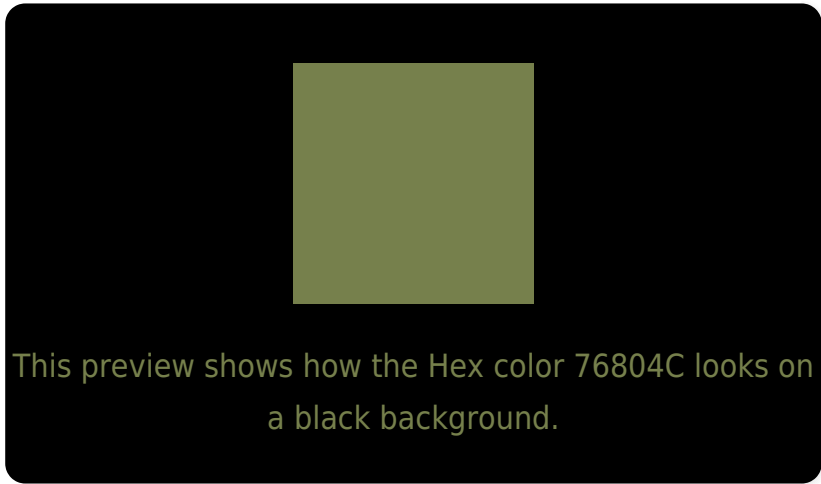
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

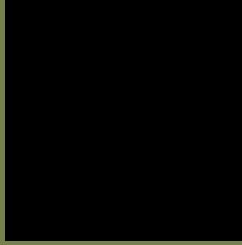
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 76804C Background



This preview shows how black text looks on a background with the Hex color 76804C.



This preview shows how white text looks on a background with the Hex color 76804C.

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
76804C

Protanopia
867B4A

Deuteranopia
94754E



Tritanopia
7D7983

Trichromacy



Original Color
76804C

Protanomaly
807D4B

Deuteranomaly
89794D

Tritanomaly
7A7C6F

Monochromacy



Original Color
76804C

Achromatopsia
777777

Achromatomaly
777A67

CSS Examples

Text

The CSS property to change the color of the text to Hex 76804C 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 #76804C looks like.

```
.text, #text, p{  
    color:#76804C  
}
```

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 #76804C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76804C
}
```

Border

The CSS property to change the border of an element to Hex 76804C 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
#76804C }
```

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

```
.border{ border-color:#76804C }
```

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

Here you see how a box with a 4 pixel #76804C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76804C; -webkit-box-shadow:4px 4px  
4px 4px #76804C; box-shadow:4px 4px 4px  
4px #76804C }
```

Background

The CSS property to change the background color of an element to Hex 76804C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76804C }
```

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

```
.background{ background-color:#76804C }
```

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