

# Converting Colors

Hex(6F7F48)

Have a look what the booklet for  
Hex(6F7F48) contains.

<b>Hex(6F7F48)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(6F7F48)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F7F48
RGB	111, 127, 72
RGB Percent	44%, 50%, 28%
CMY	0.5647, 0.5020, 0.7176
CMYK	0.13, 0.00, 0.43, 0.50
HSL	77°, 28%, 39%
HSV	77°, 43%, 50%
XYZ	15.3146, 19.0261, 8.9961
YIQ	115.9460, 8.1190, -20.4970

# Conversions

## Conversions Part 2

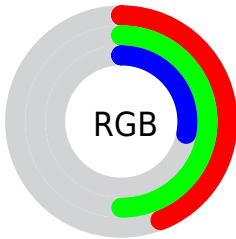
<b>Format</b>	<b>Color</b>
<b>RYB</b>	72, 127, 88
Decimal	7307080
CIELab	50.72, -15.50, 27.92
CIELCh	51, 31.935, 119.034
Yxy	19.0261, 0.3534, 0.4390
Android (android.graphics.Color)	4285497160 (0xFF6F7F48)
YUV	115.9460, -21.6654, -4.3376
Hunter-Lab	43.6190, -13.6618, 18.3051

# Details

The Hex color **6F7F48** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **58487F**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **A4B479**, and **3E4E1A** is the 20% darker color. If you saturate the color by 10%, you get **6B7F3B**, and if you desaturate by 10%, it is **737F55**.

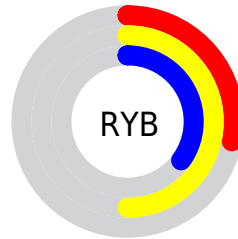
# Distribution



Red (44%)

Green (50%)

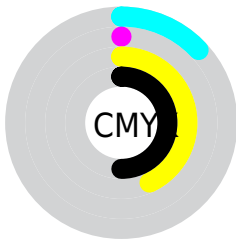
Blue (28%)



Red (28%)

Yellow (50%)

Blue (35%)

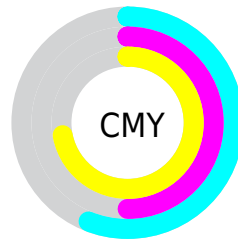


Cyan (13%)

Magenta (0%)

Yellow (43%)

Black (50%)



Cyan (56%)

Magenta (50%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F7F48 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 6F7F48 by changing the saturation by 10% instead.





6F7F48



6F7F48

FFFFFF



566631



A4B479



3E4E1A



BFCF94



273702



DBECAE



112200



F8FFCA



000500



FFFFE6



000000



6F7F48



6F7F48



6B7F3B



737F55



687F2F



767F61

■ 647F22

■ 7A7F6E

■ 607F15

■ 7E7F7B

■ 5D7F09

■ 817F88

■ 5A7F00

■ 857F94

■ 897FA1

■ 8D7FAE

■ 907FBA

# Harmonies

## Analogous

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



8B7742



6F7F48



4E845C

# Triad

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



6F7F48



0983A7



AB637B

# Complementary

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



6F7F48



58487F

# 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.



9A6895



6F7F48



4D7CAF

# Square

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



6F7F48



008792



7A72A8



AC6560

# Rectangle

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



6F7F48



34866D



7A72A8



A76484



# Sweetspot

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



6F7F48



9FA690



7F5848



505447



D4D4D4



545454



# Same Dimension

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



6F7F48



8DA650



547F48



3E4039



5A8000



000000



# Inverse Universe

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



58487F



6950A6



73487F



3B3940



250080



000000



# Previews

## White Background



This preview shows how the Hex color 6F7F48 looks on a white background.

## Color Contrast Check

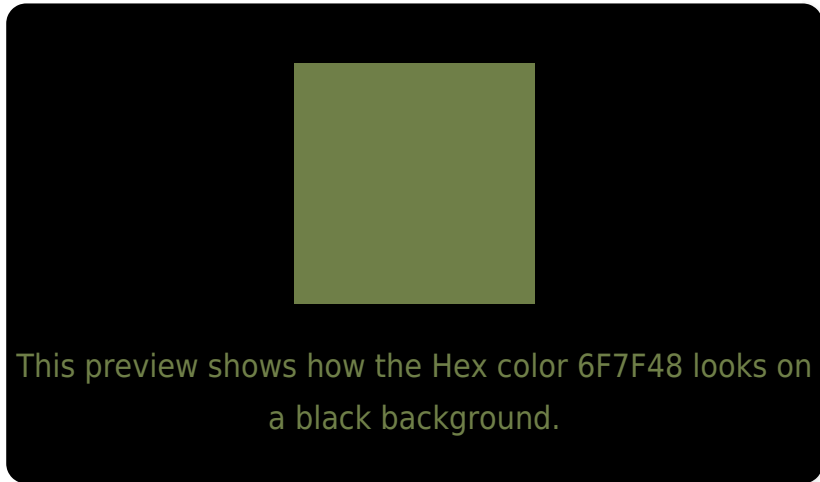
Large Text (above 18pt) WCAG AA ✓ Pass

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

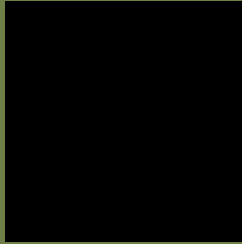
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6F7F48 Background



This preview shows how black text looks on a background with the Hex color 6F7F48.



This preview shows how white text looks on a background with the Hex color 6F7F48.

# 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**  
6F7F48

**Protanopia**  
847946

**Deuteranopia**  
92734B



**Tritanopia**  
767882

# Trichromacy



**Original Color**  
6F7F48

**Protanomaly**  
7C7B47

**Deuteranomaly**  
85774A

**Tritanomaly**  
737B6D

# Monochromacy



**Original Color**  
6F7F48

**Achromatopsia**  
747474

**Achromatomaly**  
727864

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F7F48 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 #6F7F48 looks like.

```
.text, #text, p{  
    color:#6F7F48  
}
```

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 #6F7F48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F7F48
}
```

## Border

The CSS property to change the border of an element to Hex 6F7F48 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
#6F7F48 }
```

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

```
.border{ border-color:#6F7F48 }
```

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

Here you see how a box with a 4 pixel #6F7F48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F7F48; -webkit-box-shadow:4px 4px  
4px 4px #6F7F48; box-shadow:4px 4px 4px  
4px #6F7F48 }
```

# Background

The CSS property to change the background color of an element to Hex 6F7F48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F7F48 }
```

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

```
.background{ background-color:#6F7F48 }
```

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