

# Converting Colors

Hex(747C4C)

Have a look what the booklet for  
Hex(747C4C) contains.

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**Color**

**Hex(747C4C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	747C4C
RGB	116, 124, 76
RGB Percent	45%, 49%, 30%
CMY	0.5451, 0.5137, 0.7020
CMYK	0.06, 0.00, 0.39, 0.51
HSL	70°, 24%, 39%
HSV	70°, 39%, 49%
XYZ	15.7146, 18.6501, 9.6091
YIQ	116.1360, 10.6400, -16.6240

# Conversions

## Conversions Part 2

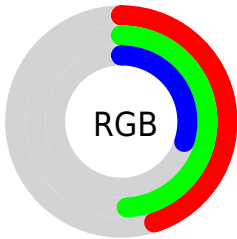
Format	Color
<b>RYB</b>	76, 124, 84
Decimal	7633996
CIELab	50.28, -11.24, 25.22
CIElCh	50, 27.616, 114.025
Yxy	18.6501, 0.3574, 0.4241
Android (android.graphics.Color)	4285824076 (0xFF747C4C)
YUV	116.1360, -19.7870, -0.1193
Hunter-Lab	43.1858, -10.6218, 17.0377

# Details

The Hex color **747C4C** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **544C7C**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **A9B07E**, and **434B1E** is the 20% darker color. If you saturate the color by 10%, you get **727C40**, and if you desaturate by 10%, it is **767C58**.

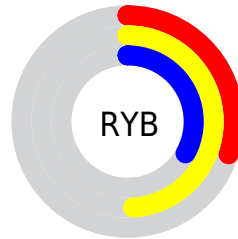
# Distribution



Red (45%)

Green (49%)

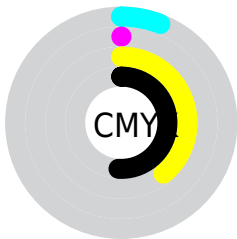
Blue (30%)



Red (30%)

Yellow (49%)

Blue (33%)

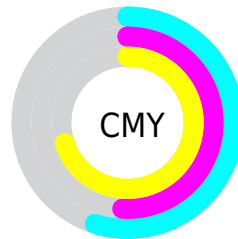


Cyan (6%)

Magenta (0%)

Yellow (39%)

Black (51%)



Cyan (55%)

Magenta (51%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 747C4C 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 747C4C by changing the saturation by 10% instead.



 747C4C

 747C4C

FFFFFF

 5B6335

 A9B07E

 434B1E

 C4CC98

 2C3507

 E0E8B3

 161F00

 FDFICE

 000200

 FFFFEB

 000000

 747C4C

 747C4C

 727C40

 767C58

 707C33

 787C65

■ 6E7C27

■ 7A7C71

■ 6C7C1A

■ 7C7C7E

■ 6A7C0E

■ 7E7C8A

■ 687C02

■ 807C96

■ 677C00

■ 827CA3

■ 857CAF

■ 877CBC

# Harmonies

## Analogous

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



8C7549



747C4C



59815B

# Triad

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



747C4C



29819D



A2667D

# Complementary

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



747C4C



544C7C

# 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.



916B94



747C4C



4F7BA6

# Square

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



747C4C



20848A



7473A2



A66766

# Rectangle

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



747C4C



45836A



7473A2



9E6785



# Sweetspot

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



747C4C



9DA18D



7C544C



505246



D1D1D1



525252



# Same Dimension

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



747C4C



94A157



5D7C4C



3C3D37



687D00



D2FC00



# Inverse Universe

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



544C7C



6357A1



6C4C7C



38373D



15007D



2A00FC



# Previews

## White Background



This preview shows how the Hex color 747C4C looks on a white background.

## Color Contrast Check

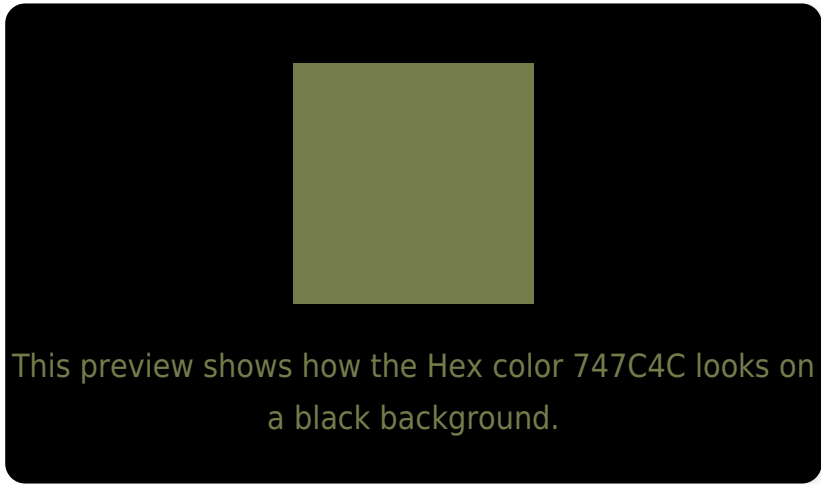
Large Text (above 18pt) WCAG AA ✓ Pass

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

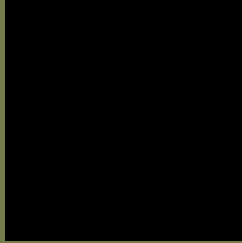
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

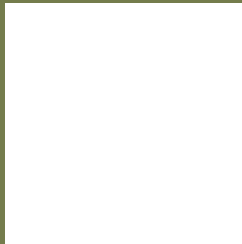
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 747C4C Background



This preview shows how black text looks on a background with the Hex color 747C4C.



This preview shows how white text looks on a background with the Hex color 747C4C.

# 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**  
747C4C

**Protanopia**  
82784A

**Deuteranopia**  
90724E



**Tritanopia**  
7A767F

# Trichromacy



**Original Color**  
747C4C

**Protanomaly**  
7D794B

**Deuteranomaly**  
86764D

**Tritanomaly**  
78786C

# Monochromacy



**Original Color**  
747C4C

**Achromatopsia**  
747474

**Achromatomaly**  
747765

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 747C4C 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 #747C4C looks like.

```
.text, #text, p{  
    color:#747C4C  
}
```

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 #747C4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #747C4C
}
```

## Border

The CSS property to change the border of an element to Hex 747C4C 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
#747C4C }
```

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

```
.border{ border-color:#747C4C }
```

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

Here you see how a box with a 4 pixel #747C4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #747C4C; -webkit-box-shadow:4px 4px  
4px 4px #747C4C; box-shadow:4px 4px 4px  
4px #747C4C }
```

# Background

The CSS property to change the background color of an element to Hex 747C4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#747C4C }
```

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

```
.background{ background-color:#747C4C }
```

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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