

Converting Colors

Hex(747F48)

Have a look what the booklet for
Hex(747F48) contains.

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Color

Hex(747F48)

Conversions

Conversions Part 1

Format	Color
Hex	747F48
RGB	116, 127, 72
RGB Percent	45%, 50%, 28%
CMY	0.5451, 0.5020, 0.7176
CMYK	0.09, 0.00, 0.43, 0.50
HSL	72°, 28%, 39%
HSV	72°, 43%, 50%
XYZ	15.9615, 19.3596, 9.0264
YIQ	117.4410, 11.0990, -19.4370

Conversions

Conversions Part 2

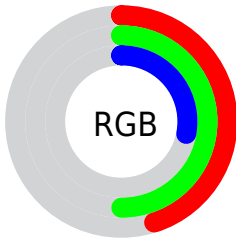
Format	Color
R_{YB}	72, 127, 83
Decimal	7634760
CIE _{Lab}	51.11, -13.39, 28.49
CIE _{LCh}	51, 31.482, 115.173
Yxy	19.3596, 0.3599, 0.4365
Android (android.graphics.Color)	4285824840 (0xFF747F48)
YUV	117.4410, -22.4024, -1.2638
Hunter-Lab	43.9996, -12.2456, 18.6365

Details

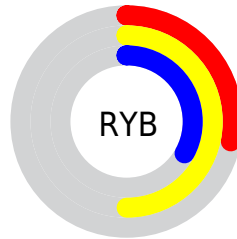
The Hex color **747F48** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **53487F**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **A9B47A**, and **424E1A** is the 20% darker color. If you saturate the color by 10%, you get **717F3B**, and if you desaturate by 10%, it is **777F55**.

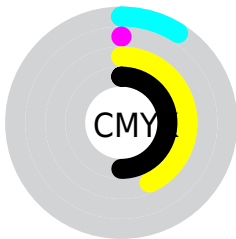
Distribution



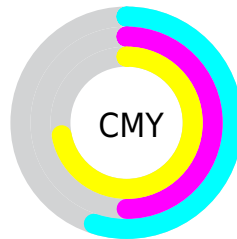
- Red (45%)
- Green (50%)
- Blue (28%)



- Red (28%)
- Yellow (50%)
- Blue (33%)



- Cyan (9%)
- Magenta (0%)
- Yellow (43%)
- Black (50%)



- Cyan (55%)
- Magenta (50%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 747F48 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 747F48 by changing the saturation by 10% instead.



747F48



747F48

FFFFFF



5B6631



A9B47A



424E1A



C5CF94



2B3702



E1EBAE



152200



FEFFCA



000800



FFFFE6



000000



747F48



747F48



717F3B



777F55



6F7F2F



797F61


 6C7F22

 7C7F6E

 6A7F15

 7E7F7B

 677F09

 817F88

 667F00

 837F94

 867FA1

 887FAE

 8B7FBA

Harmonies

Analogous

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



8F7744



747F48



54855A

Triad

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



747F48



0684A5



AA657F

Complementary

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



747F48



53487F

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.



976B99



747F48



497EAF

Square

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



747F48



008890



7674AA



AD6664

Rectangle

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



747F48



3C876B



7674AA



A66688

Sweetspot

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



747F48



A1A690



7F5348



515447



D4D4D4



545454

Same Dimension

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



747F48



95A650



597F48



3E4039



668000



000000

Inverse Universe

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



53487F



6150A6



6F487F



3B3940



190080



000000

Previews

White Background



This preview shows how the Hex color 747F48 looks on a white background.

Color Contrast Check

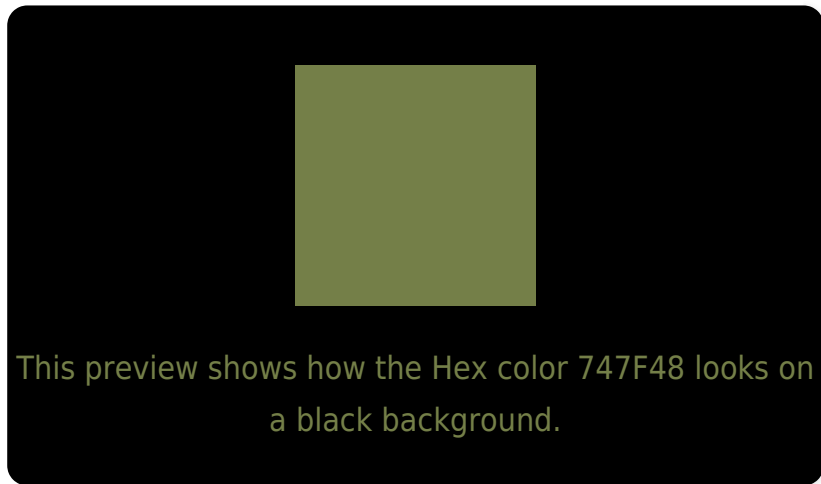
Large Text (above 18pt) WCAG AA ✓ Pass

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 747F48 Background



This preview shows how black text looks on a background with the Hex color 747F48.



This preview shows how white text looks on a background with the Hex color 747F48.

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
747F48

Protanopia
857A46

Deuteranopia
93744B



Tritanopia
7B7882

Trichromacy



Original Color
747F48

Protanomaly
7F7C47

Deuteranomaly
88784A

Tritanomaly
787B6D

Monochromacy



Original Color
747F48

Achromatopsia
757575

Achromatomaly
757965

CSS Examples

Text

The CSS property to change the color of the text to Hex 747F48 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 #747F48 looks like.

```
.text, #text, p{  
    color:#747F48  
}
```

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 #747F48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #747F48  
}
```

Border

The CSS property to change the border of an element to Hex 747F48 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  
#747F48 }
```

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

```
.border{ border-color:#747F48 }
```

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

Here you see how a box with a 4 pixel #747F48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #747F48; -webkit-box-shadow:4px 4px  
4px 4px #747F48; box-shadow:4px 4px 4px  
4px #747F48 }
```

Background

The CSS property to change the background color of an element to Hex 747F48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#747F48 }
```

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

```
.background{ background-color:#747F48 }
```

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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