

Converting Colors

Hex(747A4E)

Have a look what the booklet for
Hex(747A4E) contains.

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Color

Hex(747A4E)

Conversions

Conversions Part 1

Format	Color
Hex	747A4E
RGB	116, 122, 78
RGB Percent	45%, 48%, 31%
CMY	0.5451, 0.5216, 0.6941
CMYK	0.05, 0.00, 0.36, 0.52
HSL	68°, 22%, 39%
HSV	68°, 36%, 48%
XYZ	15.5371, 18.1821, 9.8983
YIQ	115.1900, 10.5480, -14.9560

Conversions

Conversions Part 2

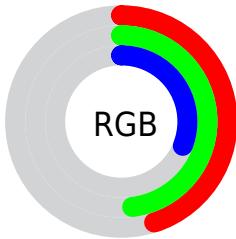
Format	Color
RYB	78, 122, 84
Decimal	7633486
CIELab	49.72, -9.87, 23.38
CIELCh	50, 25.374, 112.893
Yxy	18.1821, 0.3562, 0.4169
Android (android.graphics.Color)	4285823566 (0xFF747A4E)
YUV	115.1900, -18.3347, 0.7104
Hunter-Lab	42.6405, -9.5799, 16.0851

Details

The Hex color **747A4E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **544E7A**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **A9AE80**, and **434920** is the 20% darker color. If you saturate the color by 10%, you get **727A42**, and if you desaturate by 10%, it is **767A5A**.

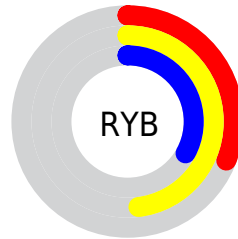
Distribution



Red (45%)

Green (48%)

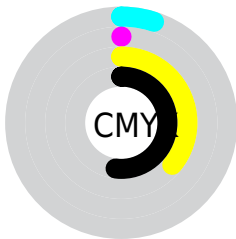
Blue (31%)



Red (31%)

Yellow (48%)

Blue (33%)

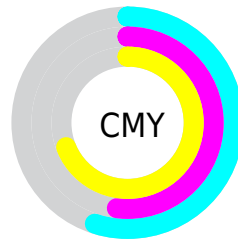


Cyan (5%)

Magenta (0%)

Yellow (36%)

Black (52%)



Cyan (55%)

Magenta (52%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 747A4E 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 747A4E by changing the saturation by 10% instead.

 747A4E

 747A4E

FFFFFF

 5B6137

 A9AE80

 434920

 C4CA9A

 2C330A

 E0E6B5

 171E00

 FDFFD0

 000000


 FFFFED

 747A4E

 747A4E

 727A42

 767A5A

 717A36

 777A66

■ 6F7A29

■ 797A73

■ 6D7A1D

■ 7B7A7F

■ 6C7A11

■ 7C7A8B

■ 6A7A05

■ 7E7A97

■ 697A00

■ 807AA3

■ 817AB0

■ 837ABC

Harmonies

Analogous

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



8A734C



747A4E



5B7F5C

Triad

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



747A4E



337F98



9D667C

Complementary

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



747A4E



544E7A

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.



8D6B90



747A4E



517AA1

Square

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



747A4E



2D8286



72739E



A16767

Rectangle

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



747A4E



4A8169



72739E



996783

Sweetspot

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



747A4E



9C9E8D



7A544E



4E4F45



CFCFCF



4F4F4F

Same Dimension

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



747A4E



959E5A



5E7A4E



3C3D37



6C7D00



DAFC00

Inverse Universe

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



544E7A



635A9E



6A4E7A



38373D



11007D



2200FC

Previews

White Background



This preview shows how the Hex color 747A4E looks on a white background.

Color Contrast Check

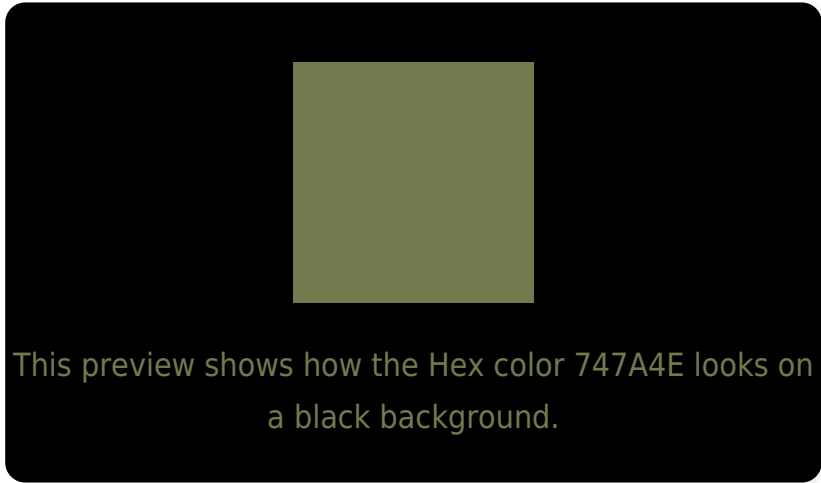
Large Text (above 18pt) WCAG AA ✓ Pass

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

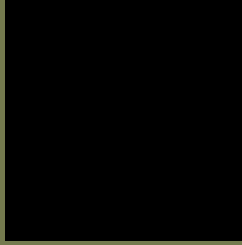
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

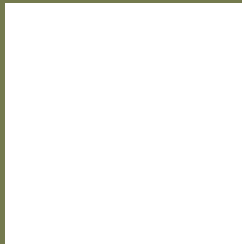
Any Text WCAG AAA × Fail

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

Hex 747A4E Background



This preview shows how black text looks on a background with the Hex color 747A4E.



This preview shows how white text looks on a background with the Hex color 747A4E.

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
747A4E

Protanopia
80764C

Deuteranopia
8D7150



Tritanopia
7A747D

Trichromacy



Original Color
747A4E

Protanomaly
7C774D

Deuteranomaly
84744F

Tritanomaly
78766C

Monochromacy



Original Color
747A4E

Achromatopsia
737373

Achromatomaly
737666

CSS Examples

Text

The CSS property to change the color of the text to Hex 747A4E 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 #747A4E looks like.

```
.text, #text, p{  
    color:#747A4E  
}
```

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 #747A4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #747A4E
}
```

Border

The CSS property to change the border of an element to Hex 747A4E 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
#747A4E }
```

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

```
.border{ border-color:#747A4E }
```

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

Here you see how a box with a 4 pixel #747A4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #747A4E; -webkit-box-shadow:4px 4px  
4px 4px #747A4E; box-shadow:4px 4px 4px  
4px #747A4E }
```

Background

The CSS property to change the background color of an element to Hex 747A4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#747A4E }
```

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

```
.background{ background-color:#747A4E }
```

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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