

Converting Colors

Hex(747E55)

Have a look what the booklet for
Hex(747E55) contains.

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Color

Hex(747E55)

Conversions

Conversions Part 1

Format	Color
Hex	747E55
RGB	116, 126, 85
RGB Percent	45%, 49%, 33%
CMY	0.5451, 0.5059, 0.6667
CMYK	0.08, 0.00, 0.33, 0.51
HSL	75°, 19%, 41%
HSV	75°, 33%, 49%
XYZ	16.3030, 19.2906, 11.4585
YIQ	118.3360, 7.2010, -14.8710

Conversions

Conversions Part 2

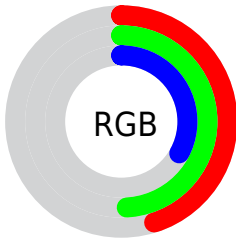
Format	Color
RYB	85, 126, 95
Decimal	7634517
CIELab	51.03, -11.09, 21.14
CIElCh	51, 23.871, 117.694
Yxy	19.2906, 0.3465, 0.4100
Android (android.graphics.Color)	4285824597 (0xFF747E55)
YUV	118.3360, -16.4346, -2.0487
Hunter-Lab	43.9211, -10.6046, 15.2766

Details

The Hex color **747E55** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5F557E**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **A8B387**, and **434D27** is the 20% darker color. If you saturate the color by 10%, you get **717E48**, and if you desaturate by 10%, it is **777E62**.

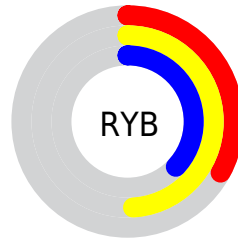
Distribution



Red (45%)

Green (49%)

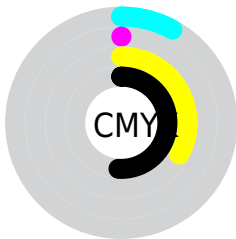
Blue (33%)



Red (33%)

Yellow (49%)

Blue (37%)

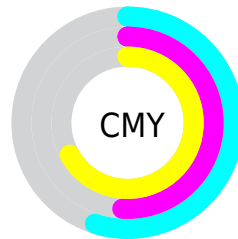


Cyan (8%)

Magenta (0%)

Yellow (33%)

Black (51%)



Cyan (55%)

Magenta (51%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 747E55 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 747E55 by changing the saturation by 10% instead.



747E55



747E55

FFFFFF



5B653D



A8B387



434D27



C4CEA1



2C3612



E0EABD



182100



FDFFD8



000700



FFFFF5



000000



747E55



747E55



717E48



777E62



6E7E3C



7A7E6E

■ 6B7E2F

■ 7D7E7B

■ 687E23

■ 807E87

■ 657E16

■ 837E94

■ 627E09

■ 867EA1

■ 5F7E00

■ 8A7EAD

■ 8D7EBA

■ 907EC6

Harmonies

Analogous

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



897851



747E55



5C8263

Triad

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



747E55



41819B



A06A7C

Complementary

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



747E55



5F557E

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.



926E90



747E55



5C7CA2

Square

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



747E55



37848C



7A759E



A26C68

Rectangle

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



747E55



4D8470



7A759E



9C6B83

Sweetspot

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



747E55



9FA393



7E5F55



4F5248



D1D1D1



525252

Same Dimension

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



747E55



94A364



607E55



3E4039



608000



000000

Inverse Universe

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



5F557E



7364A3



73557E



3B3940



1F0080



000000

Previews

White Background



This preview shows how the Hex color 747E55 looks on a white background.

Color Contrast Check

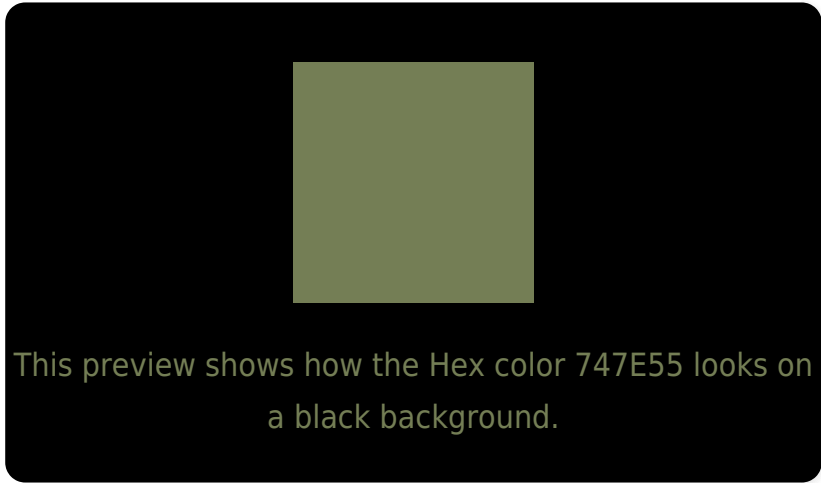
Large Text (above 18pt) WCAG AA ✓ Pass

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

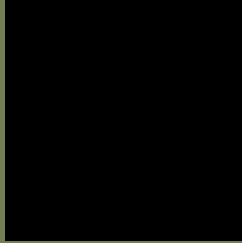
Any Text WCAG AA ✓ Pass

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 747E55 Background



This preview shows how black text looks on a background with the Hex color 747E55.



This preview shows how white text looks on a background with the Hex color 747E55.

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
747E55

Protanopia
837953

Deuteranopia
907457



Tritanopia
7A7882

Trichromacy



Original Color
747E55

Protanomaly
7E7B54

Deuteranomaly
867856

Tritanomaly
787A72

Monochromacy



Original Color
747E55

Achromatopsia
767676

Achromatomaly
75796A

CSS Examples

Text

The CSS property to change the color of the text to Hex 747E55 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 #747E55 looks like.

```
.text, #text, p{  
    color:#747E55  
}
```

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 #747E55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #747E55
}
```

Border

The CSS property to change the border of an element to Hex 747E55 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
#747E55 }
```

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

```
.border{ border-color:#747E55 }
```

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

Here you see how a box with a 4 pixel #747E55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #747E55; -webkit-box-shadow:4px 4px  
4px 4px #747E55; box-shadow:4px 4px 4px  
4px #747E55 }
```

Background

The CSS property to change the background color of an element to Hex 747E55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#747E55 }
```

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

```
.background{ background-color:#747E55 }
```

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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