

Converting Colors

Hex(747F57)

Have a look what the booklet for
Hex(747F57) contains.

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Color

Hex(747F57)

Conversions

Conversions Part 1

Format	Color
Hex	747F57
RGB	116, 127, 87
RGB Percent	45%, 50%, 34%
CMY	0.5451, 0.5020, 0.6588
CMYK	0.09, 0.00, 0.31, 0.50
HSL	77°, 19%, 42%
HSV	77°, 31%, 50%
XYZ	16.5121, 19.5799, 11.9258
YIQ	119.1510, 6.2840, -14.7720

Conversions

Conversions Part 2

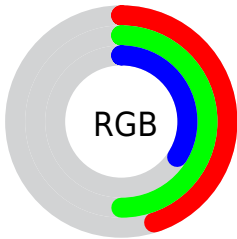
Format	Color
R_{YB}	87, 127, 98
Decimal	7634775
CIE _{Lab}	51.36, -11.35, 20.44
CIE _{LCh}	51, 23.383, 119.033
Yxy	19.5799, 0.3439, 0.4078
Android (android.graphics.Color)	4285824855 (0xFF747F57)
YUV	119.1510, -15.8504, -2.7634
Hunter-Lab	44.2491, -10.8265, 14.9948

Details

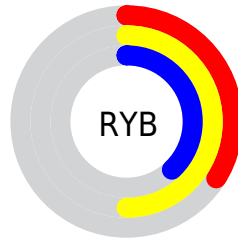
The Hex color **747F57** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **62577F**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **A8B489**, and **434E29** is the 20% darker color. If you saturate the color by 10%, you get **717F4A**, and if you desaturate by 10%, it is **777F64**.

Distribution



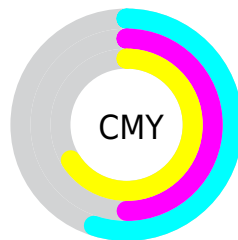
- Red (45%)
- Green (50%)
- Blue (34%)



- Red (34%)
- Yellow (50%)
- Blue (38%)



- Cyan (9%)
- Magenta (0%)
- Yellow (31%)
- Black (50%)



- Cyan (55%)
- Magenta (50%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 747F57 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 747F57 by changing the saturation by 10% instead.



747F57



747F57

FFFFFF



5B663F



A8B489



434E29



C4CFA4



2C3714



E0EBBF



192200



FDFFD8



000900



FFFFFF7



000000



747F57



747F57



717F4A



777F64



6D7F3E



7B7F70

■ 6A7F31

■ 7E7F7D

■ 667F24

■ 827F8A

■ 637F18

■ 857F97

■ 5F7F0B

■ 897FA3

■ 5C7F00

■ 8C7FB0

■ 907FBD

■ 937FC9

Harmonies

Analogous

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



897952



747F57



5D8365

Triad

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



747F57



45829C



A06C7C

Complementary

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



747F57



62577F

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.



936F8F



747F57



5F7CA2

Square

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



747F57



3A858D



7C759D



A26D68

Rectangle

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



747F57



4E8572



7C759D



9D6C83

Sweetspot

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



747F57



A2A697



7F6257



52544B



D4D4D4



545454

Same Dimension

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



747F57



94A667



607F57



3E4039



5C8000



000000

Inverse Universe

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



62577F



7867A6



76577F



3B3940



230080



000000

Previews

White Background



This preview shows how the Hex color 747F57 looks on a white background.

Color Contrast Check

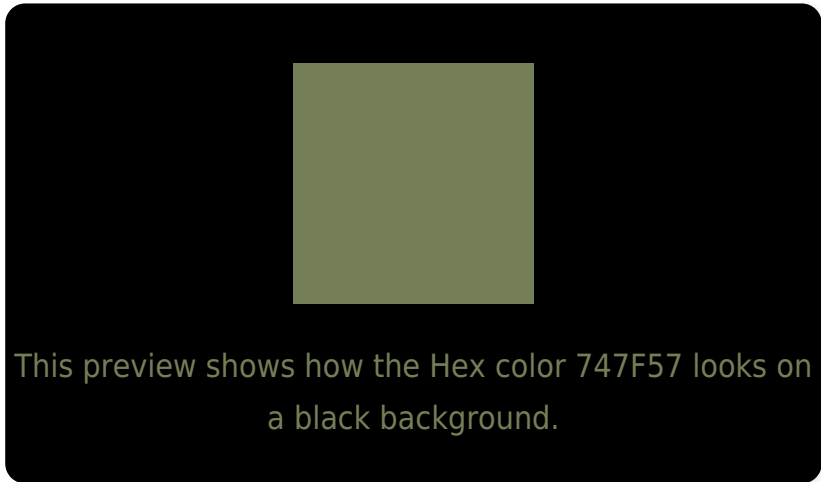
Large Text (above 18pt) WCAG AA ✓ Pass

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

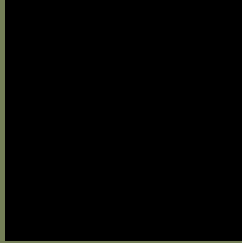
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

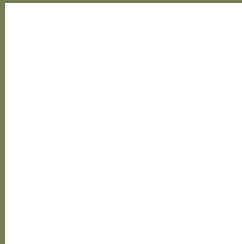
Any Text WCAG AAA × Fail

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

Hex 747F57 Background



This preview shows how black text looks on a background with the Hex color 747F57.



This preview shows how white text looks on a background with the Hex color 747F57.

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
747F57

Protanopia
847A55

Deuteranopia
917559



Tritanopia
7A7983

Trichromacy



Original Color

747F57

Protanomaly

7E7C56

Deuteranomaly

867958

Tritanomaly

787B73

Monochromacy



Original Color

747F57

Achromatopsia

777777

Achromatomaly

767A6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 747F57 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 #747F57 looks like.

```
.text, #text, p{  
    color:#747F57  
}
```

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 #747F57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #747F57  
}
```

Border

The CSS property to change the border of an element to Hex 747F57 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  
#747F57 }
```

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

```
.border{ border-color:#747F57 }
```

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

Here you see how a box with a 4 pixel #747F57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #747F57; -webkit-box-shadow:4px 4px  
4px 4px #747F57; box-shadow:4px 4px 4px  
4px #747F57 }
```

Background

The CSS property to change the background color of an element to Hex 747F57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#747F57 }
```

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

```
.background{ background-color:#747F57 }
```

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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