

Converting Colors

Hex(747D62)

Have a look what the booklet for
Hex(747D62) contains.

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Color

Hex(747D62)

Conversions

Conversions Part 1

Format	Color
Hex	747D62
RGB	116, 125, 98
RGB Percent	45%, 49%, 38%
CMY	0.5451, 0.5098, 0.6157
CMYK	0.07, 0.00, 0.22, 0.51
HSL	80°, 12%, 44%
HSV	80°, 22%, 49%
XYZ	16.7407, 19.2621, 14.3909
YIQ	119.2310, 3.3030, -10.3050

Conversions

Conversions Part 2

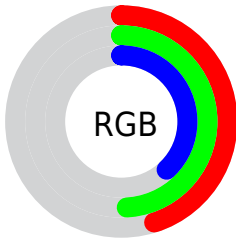
Format	Color
RYB	98, 125, 107
Decimal	7634274
CIELab	50.99, -8.49, 13.63
CIELCh	51, 16.055, 121.914
Yxy	19.2621, 0.3322, 0.3822
Android (android.graphics.Color)	4285824354 (0xFF747D62)
YUV	119.2310, -10.4669, -2.8336
Hunter-Lab	43.8886, -8.7187, 11.2810

Details

The Hex color **747D62** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6B627D**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **A8B295**, and **444C33** is the 20% darker color. If you saturate the color by 10%, you get **707D56**, and if you desaturate by 10%, it is **787D6F**.

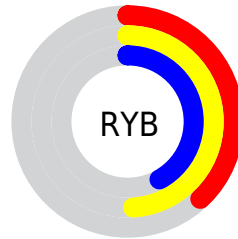
Distribution



Red (45%)

Green (49%)

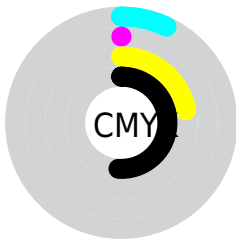
Blue (38%)



Red (38%)

Yellow (49%)

Blue (42%)

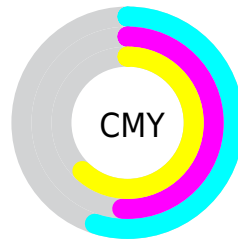


Cyan (7%)

Magenta (0%)

Yellow (22%)

Black (51%)



Cyan (55%)

Magenta (51%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 747D62 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 747D62 by changing the saturation by 10% instead.



747D62



747D62

FFFFFF



5B644A



A8B295



444C33



C3CDAF



2D351E



DFE9CB



192006



FCFE7



000700



000000



747D62



747D62



707D56



787D6F



6C7D49



7C7D7B

■ 677D3D

■ 817D88

■ 637D30

■ 857D94

■ 5F7D24

■ 897DA1

■ 5B7D17

■ 8D7DAD

■ 577D0B

■ 917DBA

■ 537D00

■ 957DC6

■ 9A7DD3

Harmonies

Analogous

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



83795E



747D62



64806C

Triad

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



747D62



5B7E91



957079

Complementary

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



747D62



6B627D

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.



8C7287



747D62



6B7A95

Square

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



747D62



548187



7D7691



95716C

Rectangle

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



747D62



5C8175



7D7691



93707E

Sweetspot

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



747D62



A0A399



7D6B62



50524C



D1D1D1



525252

Same Dimension

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



747D62



95A379



677D62



3E4039



558000



000000

Inverse Universe

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



6B627D



8779A3



79627D



3C3940



2A0080



000000

Previews

White Background



This preview shows how the Hex color 747D62 looks on a white background.

Color Contrast Check

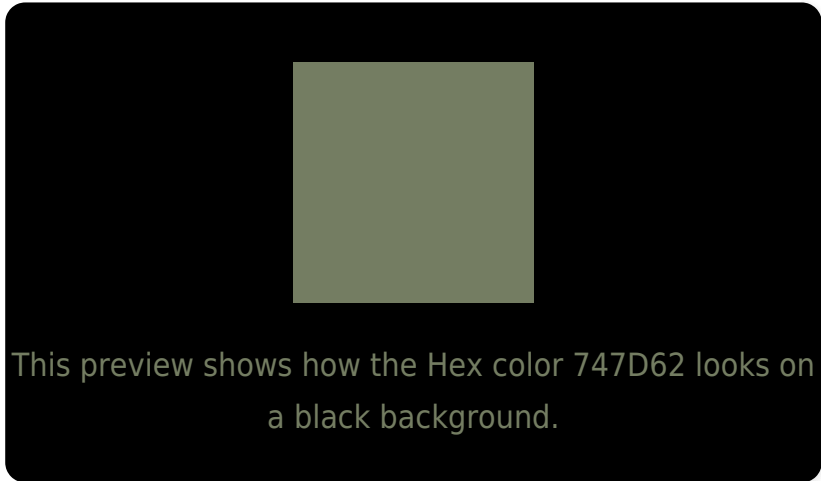
Large Text (above 18pt) WCAG AA ✓ Pass

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

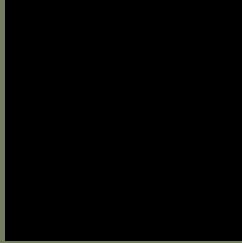
Any Text WCAG AA ✓ Pass

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 747D62 Background



This preview shows how black text looks on a background with the Hex color 747D62.



This preview shows how white text looks on a background with the Hex color 747D62.

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

747D62

Protanopia

817960

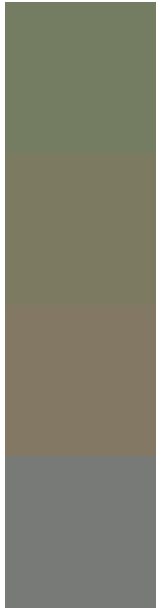
Deuteranopia

8C7564



Tritanopia
797982

Trichromacy



Original Color
747D62

Protanomaly
7C7A61

Deuteranomaly
837863

Tritanomaly
777A76

Monochromacy



Original Color
747D62

Achromatopsia
777777

Achromatomaly
76796F

CSS Examples

Text

The CSS property to change the color of the text to Hex 747D62 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 #747D62 looks like.

```
.text, #text, p{  
    color:#747D62  
}
```

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 #747D62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #747D62
}
```

Border

The CSS property to change the border of an element to Hex 747D62 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
#747D62 }
```

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

```
.border{ border-color:#747D62 }
```

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

Here you see how a box with a 4 pixel #747D62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #747D62; -webkit-box-shadow:4px 4px  
4px 4px #747D62; box-shadow:4px 4px 4px  
4px #747D62 }
```

Background

The CSS property to change the background color of an element to Hex 747D62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#747D62 }
```

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

```
.background{ background-color:#747D62 }
```

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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