

# Converting Colors

Hex(746F62)

Have a look what the booklet for  
Hex(746F62) contains.

<b>Hex(746F62)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(746F62)**

# Conversions

## Conversions Part 1

Format	Color
Hex	746F62
RGB	116, 111, 98
RGB Percent	45%, 44%, 38%
CMY	0.5451, 0.5647, 0.6157
CMYK	0.00, 0.04, 0.16, 0.55
HSL	43°, 8%, 42%
HSV	43°, 16%, 45%
XYZ	15.0915, 15.9637, 13.8412
YIQ	111.0130, 7.1530, -2.9830

# Conversions

## Conversions Part 2

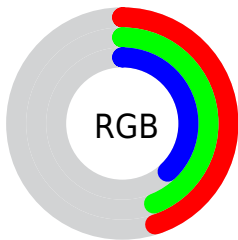
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	105, 116, 98
Decimal	7630690
CIE Lab	46.93, -0.49, 7.93
CIE LCh	47, 7.947, 93.511
Yxy	15.9637, 0.3361, 0.3556
Android (android.graphics.Color)	4285820770 (0xFF746F62)
YUV	111.0130, -6.4154, 4.3736
Hunter-Lab	39.9546, -2.4983, 7.4289

# Details

The Hex color **746F62** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **626774**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **A8A395**, and **443F34** is the 20% darker color. If you saturate the color by 10%, you get **746C56**, and if you desaturate by 10%, it is **74726E**.

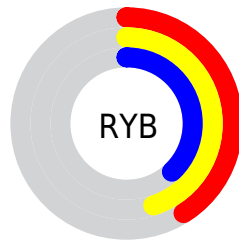
# Distribution



Red (45%)

Green (44%)

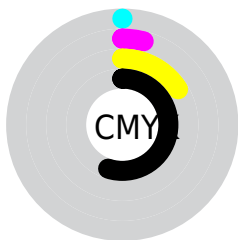
Blue (38%)



Red (41%)

Yellow (45%)

Blue (38%)

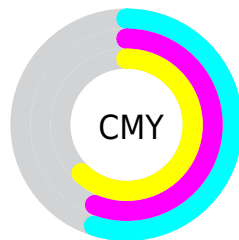


Cyan (0%)

Magenta (4%)

Yellow (16%)

Black (55%)



Cyan (55%)

Magenta (56%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 746F62 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 746F62 by changing the saturation by 10% instead.



 746F62

 746F62

FFFFFF

 5B574A

 A8A395

 443F34

 C3BEAF

 2D2A1E

 DFD9CB

 1A1506

 FCF6E7

 000000

 746F62

 746F62

 746C56

 74726E

 74694B

 747579

 74653F

 747985

■ 746234

■ 747C90

■ 745F28

■ 747F9C

■ 745C1C

■ 7482A8

■ 745811

■ 7486B3

■ 745505

■ 7489BF

■ 745400

■ 748CCA

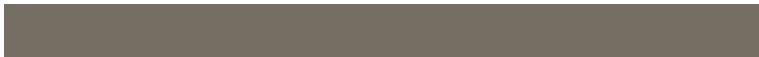
# Harmonies

## Analogous

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



7A6D64



746F62



6C7164

# Triad

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



746F62



5F7376



796C75

# Complementary

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



746F62



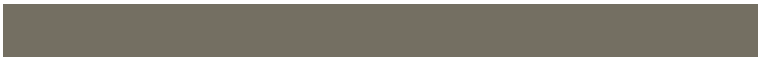
626774

# 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.



726D7A



746F62



62727B

# Square

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



746F62



607370



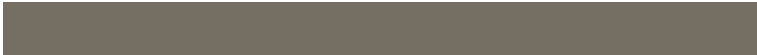
69707C



7D6B6F

# Rectangle

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



746F62



677267



69707C



776C77



# Sweetspot

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



746F62



96948F



746267



4D4B48



CCCCCC



4D4D4D



# Same Dimension

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



746F62



968F7A



707462



3B3935



7A5800



FAB400



# Inverse Universe

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



626774



7A8296



666274



35363B



00227A

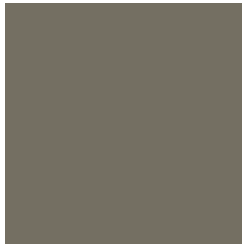


0045FA



# Previews

## White Background



This preview shows how the Hex color 746F62 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 × Fail

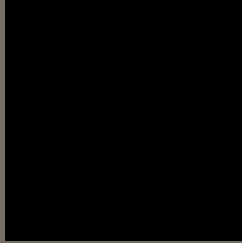
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

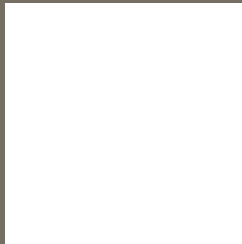
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 746F62 Background



This preview shows how black text looks on a background with the Hex color 746F62.

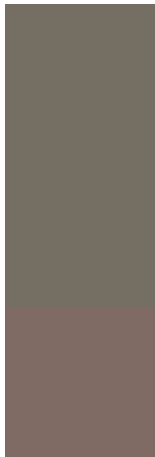


This preview shows how white text looks on a background with the Hex color 746F62.

# 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**  
746F62

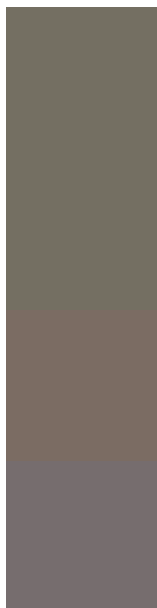
**Protanopia**  
746F62

**Deuteranopia**  
7F6B63



**Tritanopia**  
776C75

# Trichromacy



**Original Color**

746F62

**Protanomaly**

746F62

**Deuteranomaly**

7B6C63

**Tritanomaly**

766D6E

# Monochromacy



**Original Color**

746F62

**Achromatopsia**

6F6F6F

**Achromatomaly**

716F6A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 746F62 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 #746F62 looks like.

```
.text, #text, p{  
    color:#746F62  
}
```

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 #746F62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #746F62
}
```

## Border

The CSS property to change the border of an element to Hex 746F62 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
#746F62 }
```

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

```
.border{ border-color:#746F62 }
```

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

Here you see how a box with a 4 pixel #746F62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #746F62; -webkit-box-shadow:4px 4px  
4px 4px #746F62; box-shadow:4px 4px 4px  
4px #746F62 }
```

# Background

The CSS property to change the background color of an element to Hex 746F62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#746F62 }
```

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

```
.background{ background-color:#746F62 }
```

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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