

# Converting Colors

Hex(746C4E)

Have a look what the booklet for  
Hex(746C4E) contains.

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**Color**

**Hex(746C4E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	746C4E
RGB	116, 108, 78
RGB Percent	45%, 42%, 31%
CMY	0.5451, 0.5765, 0.6941
CMYK	0.00, 0.07, 0.33, 0.55
HSL	47°, 20%, 38%
HSV	47°, 33%, 45%
XYZ	13.9402, 14.9882, 9.3660
YIQ	106.9720, 14.3980, -7.6340

# Conversions

## Conversions Part 2

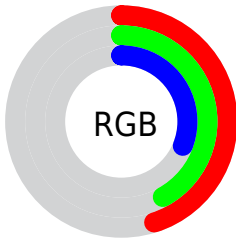
<b>Format</b>	<b>Color</b>
<b>RYB</b>	88, 116, 78
Decimal	7629902
CIELab	45.62, -1.91, 17.95
CIElCh	46, 18.053, 96.084
Yxy	14.9882, 0.3640, 0.3914
Android (android.graphics.Color)	4285819982 (0xFF746C4E)
YUV	106.9720, -14.2832, 7.9176
Hunter-Lab	38.7146, -3.4771, 12.7565

# Details

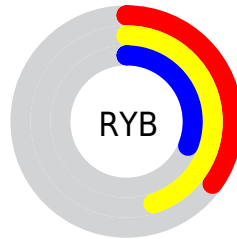
The Hex color **746C4E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4E5674**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **A99F7F**, and **433D21** is the 20% darker color. If you saturate the color by 10%, you get **746A42**, and if you desaturate by 10%, it is **746E5A**.

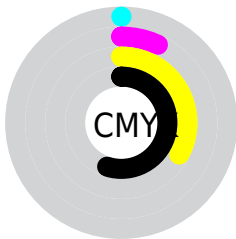
# Distribution



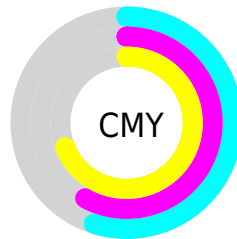
- Red (45%)
- Green (42%)
- Blue (31%)



- Red (35%)
- Yellow (45%)
- Blue (31%)



- Cyan (0%)
- Magenta (7%)
- Yellow (33%)
- Black (55%)



- Cyan (55%)
- Magenta (58%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 746C4E 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 746C4E by changing the saturation by 10% instead.





746C4E



746C4E

FFFFFF



5B5437



A99F7F



433D21



C4BA99



2C270C



E0D6B4



161300



FDF2D0



000000



FFF FEC



746C4E



746C4E



746A42



746E5A



746737



747165

■ 74652B

■ 747371

■ 746220

■ 74767C

■ 746014

■ 747888

■ 745D08

■ 747B94

■ 745C00

■ 747D9F

■ 7480AB

■ 7482B6

# Harmonies

## Analogous

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



826751



746C4E



637053

# Triad

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



746C4E



40747D



826379

# Complementary

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



746C4E



4E5674

# 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.



726784



746C4E



4A7187

# Square

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



746C4E



44756F



5E6C8A



8A6169

# Rectangle

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



746C4E



58735B



5E6C8A



7E647D



# Sweetspot

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



746C4E



969387



744E56



4D4B43



CCCCCC



4D4D4D



# Same Dimension

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



746C4E



968A5C



69744E



3B3935



7A6100



FAC500



# Inverse Universe

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



4E5674



5C6896



594E74



35363B



001A7A



0035FA



# Previews

## White Background



This preview shows how the Hex color 746C4E 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

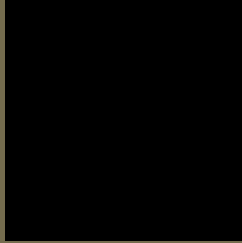
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 746C4E Background



This preview shows how black text looks on a background with the Hex color 746C4E.

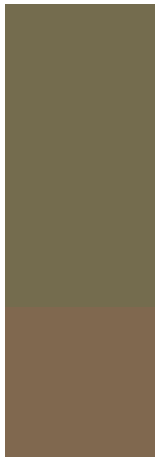


This preview shows how white text looks on a background with the Hex color 746C4E.

# 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**  
746C4E

**Protanopia**  
746C4E

**Deuteranopia**  
80684F



**Tritanopia**  
786870

# Trichromacy



**Original Color**  
746C4E

**Protanomaly**  
746C4E

**Deuteranomaly**  
7C694F

**Tritanomaly**  
776964

# Monochromacy



**Original Color**  
746C4E

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
6E6B60

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 746C4E 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 #746C4E looks like.

```
.text, #text, p{  
    color:#746C4E  
}
```

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 #746C4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #746C4E
}
```

## Border

The CSS property to change the border of an element to Hex 746C4E is called "border". The border property can be set on classes, ids or directly on the HTML element.

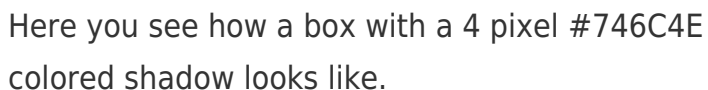
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#746C4E }
```

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

```
.border{ border-color:#746C4E }
```

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



Here you see how a box with a 4 pixel #746C4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #746C4E; -webkit-box-shadow:4px 4px  
4px 4px #746C4E; box-shadow:4px 4px 4px  
4px #746C4E }
```

# Background

The CSS property to change the background color of an element to Hex 746C4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#746C4E }
```

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

```
.background{ background-color:#746C4E }
```

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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