

# Converting Colors

Hex(746C50)

Have a look what the booklet for  
Hex(746C50) contains.

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**Color**

**Hex(746C50)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	746C50
RGB	116, 108, 80
RGB Percent	45%, 42%, 31%
CMY	0.5451, 0.5765, 0.6863
CMYK	0.00, 0.07, 0.31, 0.55
HSL	47°, 18%, 38%
HSV	47°, 31%, 45%
XYZ	14.0130, 15.0173, 9.7495
YIQ	107.2000, 13.7560, -7.0120

# Conversions

## Conversions Part 2

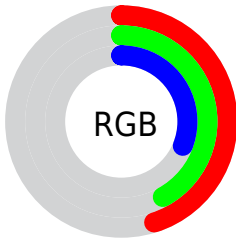
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	90, 116, 80
Decimal	7629904
CIE Lab	45.66, -1.63, 16.83
CIE LCh	46, 16.910, 95.521
Yxy	15.0173, 0.3613, 0.3872
Android (android.graphics.Color)	4285819984 (0xFF746C50)
YUV	107.2000, -13.4096, 7.7176
Hunter-Lab	38.7522, -3.2698, 12.2100

# Details

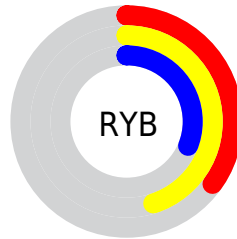
The Hex color **746C50** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **505874**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **A89F81**, and **433D23** is the 20% darker color. If you saturate the color by 10%, you get **746944**, and if you desaturate by 10%, it is **746F5C**.

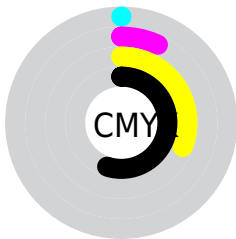
# Distribution



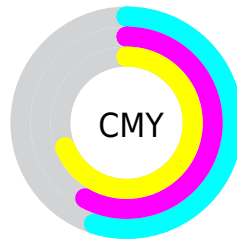
- Red (45%)
- Green (42%)
- Blue (31%)



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



- Cyan (0%)
- Magenta (7%)
- Yellow (31%)
- Black (55%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 746C50 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 746C50 by changing the saturation by 10% instead.





746C50



746C50

FFFFFF



5B5439



A89F81



433D23



C4BA9C



2C270E



E0D6B6



171300



FDF2D2



000000



FFFEE



746C50



746C50



746944



746F5C



746739



747167

 74642D

 747473

 746222

 74767E

 745F16

 74798A

 745D0A

 747B96

 745A00

 747EA1

 7481AD

 7483B8

# Harmonies

## Analogous

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



816753



746C50



647055

# Triad

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



746C50



44737C



816478

# Complementary

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



746C50



505874

# 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.



726883



746C50



4D7185

# Square

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



746C50



48746E



5F6C88



88626A

# Rectangle

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



746C50



5A725C



5F6C88



7C657C



# Sweetspot

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



746C50



969389



745058



4D4B44



CCCCCC



4D4D4D



# Same Dimension

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



746C50



968A5F



6A7450



3B3935



7A5F00



FAC200



# Inverse Universe

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



505874



5F6B96



5A5074



35363B



001B7A



0038FA



# Previews

## White Background



This preview shows how the Hex color 746C50 looks on a white background.

## Color Contrast Check

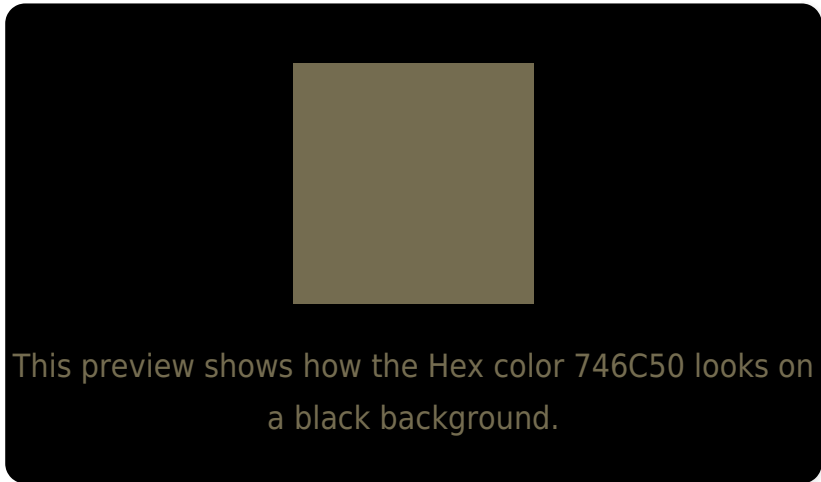
Large Text (above 18pt) WCAG AA ✓ Pass

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

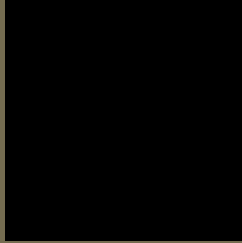
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 746C50 Background



This preview shows how black text looks on a background with the Hex color 746C50.

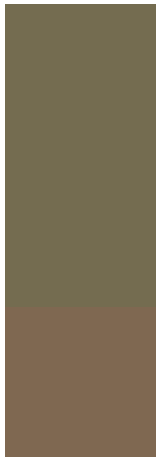


This preview shows how white text looks on a background with the Hex color 746C50.

# 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**  
746C50

**Protanopia**  
746C50

**Deuteranopia**  
7F6851



**Tritanopia**  
786870

# Trichromacy



**Original Color**  
746C50

**Protanomaly**  
746C50

**Deuteranomaly**  
7B6951

**Tritanomaly**  
776964

# Monochromacy



**Original Color**  
746C50

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
6E6B61

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 746C50 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 #746C50 looks like.

```
.text, #text, p{  
    color:#746C50  
}
```

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 #746C50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #746C50
}
```

## Border

The CSS property to change the border of an element to Hex 746C50 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
#746C50 }
```

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

```
.border{ border-color:#746C50 }
```

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

Here you see how a box with a 4 pixel #746C50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #746C50; -webkit-box-shadow:4px 4px  
4px 4px #746C50; box-shadow:4px 4px 4px  
4px #746C50 }
```

# Background

The CSS property to change the background color of an element to Hex 746C50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#746C50 }
```

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

```
.background{ background-color:#746C50 }
```

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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