

# Converting Colors

Hex(746C5F)

Have a look what the booklet for  
Hex(746C5F) contains.

<b>Hex(746C5F)</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(746C5F)

# Conversions

## Conversions Part 1

Format	Color
Hex	746C5F
RGB	116, 108, 95
RGB Percent	45%, 42%, 37%
CMY	0.5451, 0.5765, 0.6275
CMYK	0.00, 0.07, 0.18, 0.55
HSL	37°, 10%, 41%
HSV	37°, 18%, 45%
XYZ	14.6306, 15.2644, 13.0017
YIQ	108.9100, 8.9410, -2.3470

# Conversions

## Conversions Part 2

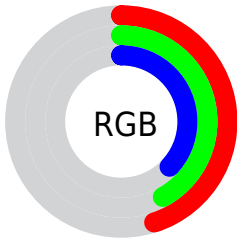
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	108, 116, 95
Decimal	7629919
CIE <sub>Lab</sub>	45.99, 0.75, 8.40
CIE <sub>LCh</sub>	46, 8.433, 84.908
Yxy	15.2644, 0.3411, 0.3558
Android (android.graphics.Color)	4285819999 (0xFF746C5F)
YUV	108.9100, -6.8576, 6.2179
Hunter-Lab	39.0696, -1.5281, 7.6181

# Details

The Hex color **746C5F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5F6774**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **A89F91**, and **443D31** is the 20% darker color. If you saturate the color by 10%, you get **746853**, and if you desaturate by 10%, it is **74706B**.

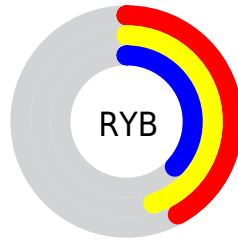
# Distribution



Red (45%)

Green (42%)

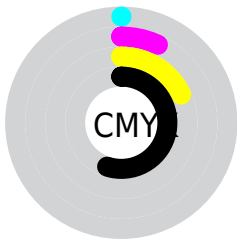
Blue (37%)



Red (42%)

Yellow (45%)

Blue (37%)

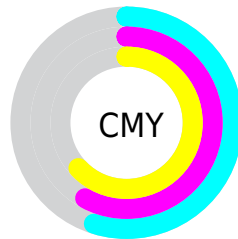


Cyan (0%)

Magenta (7%)

Yellow (18%)

Black (55%)



Cyan (55%)

Magenta (58%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 746C5F 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 746C5F by changing the saturation by 10% instead.



■ 746C5F

■ 746C5F

FFFFFF

■ 5B5447

■ A89F91

■ 443D31

■ C3BAAC

■ 2D271C

■ DFD6C7

■ 1A1201

■ FCF2E3

■ 000000

■ 746C5F

■ 746C5F

■ 746853

■ 74706B

■ 746348

■ 747576

■ 745F3C

■ 747982

■ 745A31

■ 747E8D

■ 745625

■ 748299

■ 745119

■ 7487A5

■ 744D0E

■ 748BB0

■ 744902

■ 748FBC

■ 744800

■ 7494C7

# Harmonies

## Analogous

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



7A6A62



746C5F



6C6E60

# Triad

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



746C5F



5B7173



756975

# Complementary

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



746C5F



5F6774

# 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.



6D6C7A



746C5F



5D7078

# Square

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



746C5F



5E716B



646E7B



7B686E

# Rectangle

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



746C5F



677063



646E7B



736A77



# Sweetspot

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



746C5F



96948F



745F67



4D4B48



CCCCCC



4D4D4D



# Same Dimension

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



746C5F



968A75



72745F



3B3835



7A4C00



FA9B00



# Inverse Universe

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



5F6774



758296



615F74



35373B



002F7A



005FFA



# Previews

## White Background



This preview shows how the Hex color 746C5F looks on a white background.

## Color Contrast Check

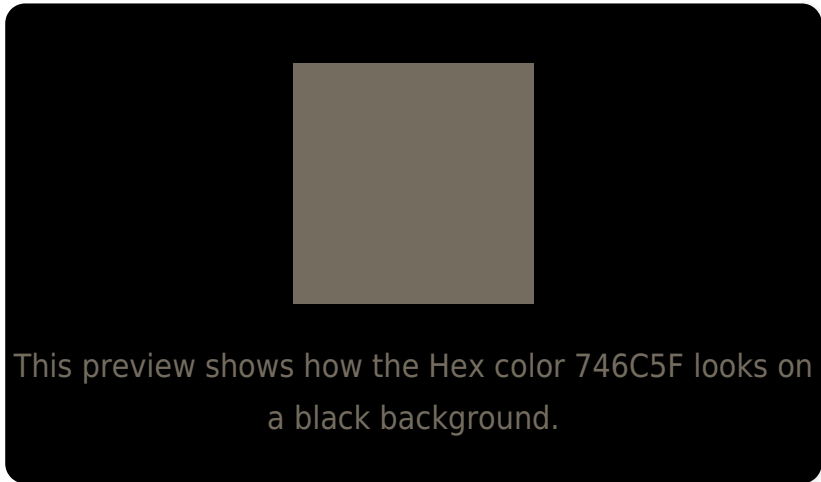
Large Text (above 18pt) WCAG AA ✓ Pass

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

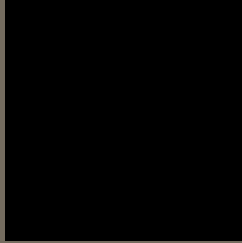
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 746C5F Background



This preview shows how black text looks on a background with the Hex color 746C5F.



This preview shows how white text looks on a background with the Hex color 746C5F.

# 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**  
746C5F

**Protanopia**  
726D5F

**Deuteranopia**  
7C6960



**Tritanopia**  
766972

# Trichromacy



**Original Color**  
746C5F

**Protanomaly**  
736D5F

**Deuteranomaly**  
796A60

**Tritanomaly**  
756A6B

# Monochromacy



**Original Color**  
746C5F

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
706D68

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 746C5F 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 #746C5F looks like.

```
.text, #text, p{  
    color:#746C5F  
}
```

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 #746C5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #746C5F
}
```

## Border

The CSS property to change the border of an element to Hex 746C5F is called "border". The border property can be set on classes, ids or directly on the HTML element.

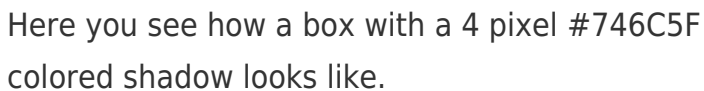
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#746C5F }
```

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

```
.border{ border-color:#746C5F }
```

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



Here you see how a box with a 4 pixel #746C5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #746C5F; -webkit-box-shadow:4px 4px  
4px 4px #746C5F; box-shadow:4px 4px 4px  
4px #746C5F }
```

# Background

The CSS property to change the background color of an element to Hex 746C5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#746C5F }
```

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

```
.background{ background-color:#746C5F }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor