

# Converting Colors

Hex(746D48)

Have a look what the booklet for  
Hex(746D48) contains.

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**Color**

**Hex(746D48)**

# Conversions

## Conversions Part 1

Format	Color
Hex	746D48
RGB	116, 109, 72
RGB Percent	45%, 43%, 28%
CMY	0.5451, 0.5725, 0.7176
CMYK	0.00, 0.06, 0.38, 0.55
HSL	50°, 23%, 37%
HSV	50°, 38%, 45%
XYZ	13.8408, 15.1182, 8.3195
YIQ	106.8750, 16.0490, -10.0230

# Conversions

## Conversions Part 2

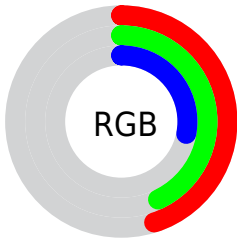
<b>Format</b>	<b>Color</b>
<b>RYB</b>	80, 116, 72
Decimal	7630152
CIELab	45.80, -3.31, 21.68
CIELCh	46, 21.927, 98.674
Yxy	15.1182, 0.3713, 0.4055
Android (android.graphics.Color)	4285820232 (0xFF746D48)
YUV	106.8750, -17.1934, 8.0026
Hunter-Lab	38.8821, -4.5033, 14.5313

# Details

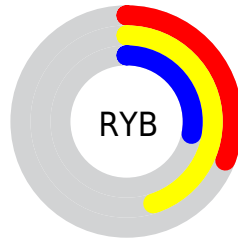
The Hex color **746D48** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **484F74**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **A9A079**, and **433E1B** is the 20% darker color. If you saturate the color by 10%, you get **746B3C**, and if you desaturate by 10%, it is **746F54**.

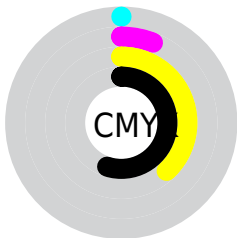
# Distribution



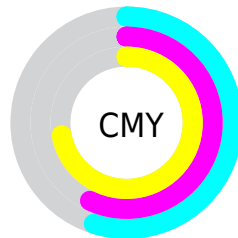
- Red (45%)
- Green (43%)
- Blue (28%)



- Red (31%)
- Yellow (45%)
- Blue (28%)



- Cyan (0%)
- Magenta (6%)
- Yellow (38%)
- Black (55%)



- Cyan (55%)
- Magenta (57%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 746D48 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 746D48 by changing the saturation by 10% instead.





746D48



746D48

FFFFFF



5B5531



A9A079



433E1B



C4BB93



2C2803



E0D7AE



151400



FDF3C9



000000



FFFFE5



746D48



746D48



746B3C



746F54



746931



74715F

 746725

 74736B

 74661A

 747476

 74640E

 747682

 746202

 74788E

 746200

 747A99

 747CA5

 747EB0

# Harmonies

## Analogous

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



85674B



746D48



60724F

# Triad

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



746D48



317583



88617A

# Complementary

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



746D48



484F74

# 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.



766689



746D48



42728E

# Square

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



746D48



377771



5C6C90



915F68

# Rectangle

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



746D48



517559



5C6C90



836280



# Sweetspot

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



746D48



969486



74484F



4D4B43



CCCCCC



4D4D4D



# Same Dimension

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



746D48



968B51



657448



3B3A35



7A6700



FAD200



# Inverse Universe

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



484F74



515C96



574874



35363B



00137A



0028FA



# Previews

## White Background



This preview shows how the Hex color 746D48 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

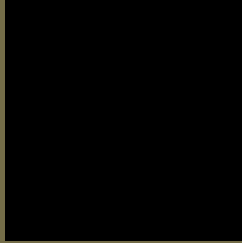
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 746D48 Background



This preview shows how black text looks on a background with the Hex color 746D48.



This preview shows how white text looks on a background with the Hex color 746D48.

# 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**

746D48

**Protanopia**

766C48

**Deuteranopia**

826849



**Tritanopia**  
786870

# Trichromacy



**Original Color**  
746D48

**Protanomaly**  
756C48

**Deuteranomaly**  
7D6A49

**Tritanomaly**  
776A61

# Monochromacy



**Original Color**  
746D48

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
6E6C5E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 746D48 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 #746D48 looks like.

```
.text, #text, p{  
    color:#746D48  
}
```

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 #746D48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #746D48
}
```

## Border

The CSS property to change the border of an element to Hex 746D48 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
#746D48 }
```

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

```
.border{ border-color:#746D48 }
```

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

Here you see how a box with a 4 pixel #746D48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #746D48; -webkit-box-shadow:4px 4px  
4px 4px #746D48; box-shadow:4px 4px 4px  
4px #746D48 }
```

# Background

The CSS property to change the background color of an element to Hex 746D48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#746D48 }
```

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

```
.background{ background-color:#746D48 }
```

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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