

# Converting Colors

Hex(756E55)

Have a look what the booklet for  
Hex(756E55) contains.

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**Color**

**Hex(756E55)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	756E55
RGB	117, 110, 85
RGB Percent	46%, 43%, 33%
CMY	0.5412, 0.5686, 0.6667
CMYK	0.00, 0.06, 0.27, 0.54
HSL	47°, 16%, 40%
HSV	47°, 27%, 46%
XYZ	14.5517, 15.5896, 10.8365
YIQ	109.2430, 12.1970, -6.2910

# Conversions

## Conversions Part 2

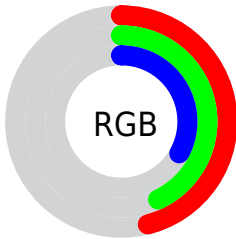
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 117, 85
Decimal	7695957
CIE Lab	46.43, -1.62, 14.96
CIE LCh	46, 15.043, 96.176
Yxy	15.5896, 0.3551, 0.3804
Android (android.graphics.Color)	4285886037 (0xFF756E55)
YUV	109.2430, -11.9518, 6.8029
Hunter-Lab	39.4837, -3.3103, 11.3662

# Details

The Hex color **756E55** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **555C75**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **A9A187**, and **443F28** is the 20% darker color. If you saturate the color by 10%, you get **756B49**, and if you desaturate by 10%, it is **757161**.

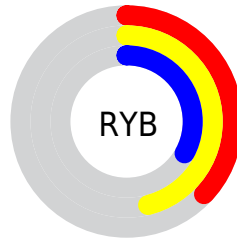
# Distribution



Red (46%)

Green (43%)

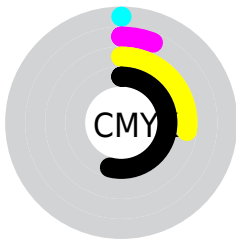
Blue (33%)



Red (37%)

Yellow (46%)

Blue (33%)

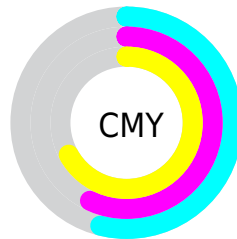


Cyan (0%)

Magenta (6%)

Yellow (27%)

Black (54%)



Cyan (54%)

Magenta (57%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 756E55 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 756E55 by changing the saturation by 10% instead.





756E55



756E55

FFFFFF



5C563E



A9A187



443F28



C5BCA1



2D2913



E1D8BC



191400



FEF5D8



000000



FFFFF4



756E55



756E55



756B49



757161



75693E



75736C

 756632

 757678

 756426

 757884

 75611A

 757B90

 755F0F

 757D9B

 755C03

 7580A7

 755B00

 7582B3

 7585BE

# Harmonies

## Analogous

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



806A57



756E55



677259

# Triad

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



756E55



4B757C



816678

# Complementary

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



756E55



555C75

# 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.



736A82



756E55



537285

# Square

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



756E55



4E7570



636E87



88656C

# Rectangle

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



756E55



5D7460



636E87



7D677C



# Sweetspot

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



756E55



99968D



75555C



4D4B45



CCCCCC



4D4D4D



# Same Dimension

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



756E55



998E67



6C7555



3B3935



7A6000



FAC300



# Inverse Universe

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



555C75



677299



5E5575



35363B



001B7A



0037FA



# Previews

## White Background



This preview shows how the Hex color 756E55 looks on a white background.

## Color Contrast Check

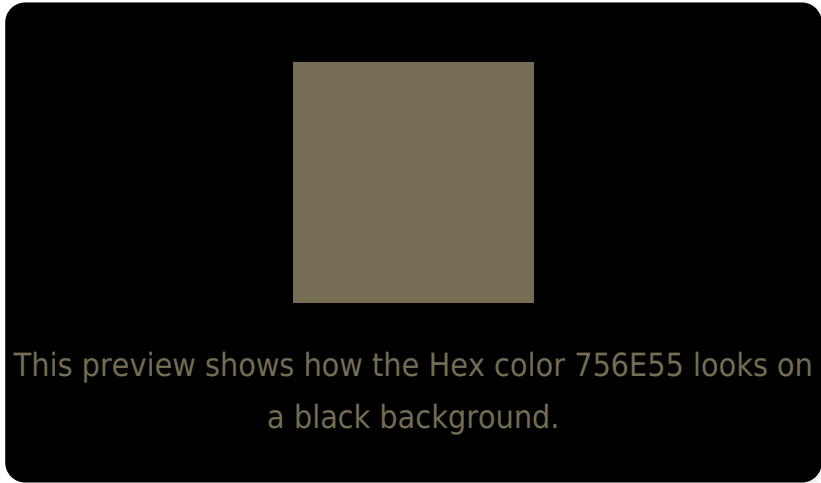
Large Text (above 18pt) WCAG AA ✓ Pass

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

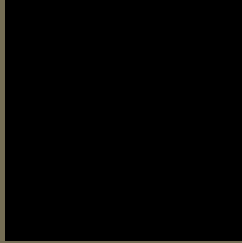
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 756E55 Background



This preview shows how black text looks on a background with the Hex color 756E55.



This preview shows how white text looks on a background with the Hex color 756E55.

# 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**  
756E55

**Protanopia**  
756E55

**Deuteranopia**  
816A56



**Tritanopia**  
796A72

# Trichromacy



**Original Color**  
756E55

**Protanomaly**  
756E55

**Deuteranomaly**  
7D6B56

**Tritanomaly**  
786B67

# Monochromacy



**Original Color**  
756E55

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
706D64

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 756E55 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 #756E55 looks like.

```
.text, #text, p{  
    color:#756E55  
}
```

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 #756E55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #756E55
}
```

## Border

The CSS property to change the border of an element to Hex 756E55 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".

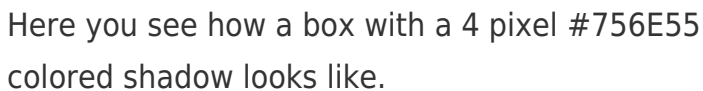
```
.border, #border, table{ border:4px solid
#756E55 }
```

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

```
.border{ border-color:#756E55 }
```

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

Here you see how a box with a 4 pixel #756E55 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #756E55; -webkit-box-shadow:4px 4px  
4px 4px #756E55; box-shadow:4px 4px 4px  
4px #756E55 }
```

# Background

The CSS property to change the background color of an element to Hex 756E55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#756E55 }
```

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

```
.background{ background-color:#756E55 }
```

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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