

Converting Colors

Hex(756D55)

Have a look what the booklet for
Hex(756D55) contains.

Hex(756D55)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(756D55)

Conversions

Conversions Part 1

Format	Color
Hex	756D55
RGB	117, 109, 85
RGB Percent	46%, 43%, 33%
CMY	0.5412, 0.5725, 0.6667
CMYK	0.00, 0.07, 0.27, 0.54
HSL	45°, 16%, 40%
HSV	45°, 27%, 46%
XYZ	14.4445, 15.3751, 10.8007
YIQ	108.6560, 12.4720, -5.7680

Conversions

Conversions Part 2

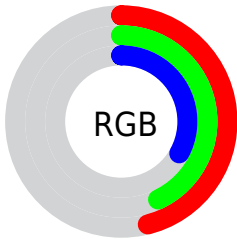
Format	Color
RYB	96, 117, 85
Decimal	7695701
CIELab	46.14, -1.04, 14.56
CIELCh	46, 14.599, 94.074
Yxy	15.3751, 0.3556, 0.3785
Android (android.graphics.Color)	4285885781 (0xFF756D55)
YUV	108.6560, -11.6624, 7.3177
Hunter-Lab	39.2110, -2.8640, 11.1163

Details

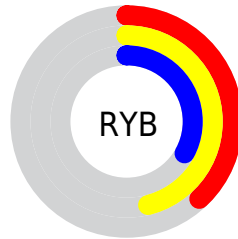
The Hex color **756D55** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **555D75**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **A9A087**, and **443E28** is the 20% darker color. If you saturate the color by 10%, you get **756A49**, and if you desaturate by 10%, it is **757061**.

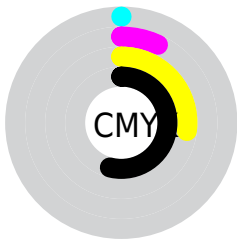
Distribution



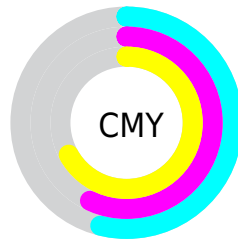
- Red (46%)
- Green (43%)
- Blue (33%)



- Red (38%)
- Yellow (46%)
- Blue (33%)



- Cyan (0%)
- Magenta (7%)
- Yellow (27%)
- Black (54%)



- Cyan (54%)
- Magenta (57%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 756D55 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 756D55 by changing the saturation by 10% instead.

 756D55

 756D55

FFFFFF

 5C553E

 A9A087

 443E28

 C5BBA1

 2D2813

 E1D7BC

 191300

 FEF3D8

 000000

 FFFFF4

 756D55

 756D55

 756A49

 757061

 75673E

 75736C

■ 756432

■ 757678

■ 756126

■ 757984

■ 755E1A

■ 757C90

■ 755B0F

■ 757F9B

■ 755903

■ 7581A7

■ 755800

■ 7584B3

■ 7587BE

Harmonies

Analogous

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



806958



756D55



677159

Triad

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



756D55



4C747B



7F6678

Complementary

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



756D55



555D75

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.



726A82



756D55



537183

Square

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



756D55



4F746F



616E85



86656C

Rectangle

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



756D55



5E735F



616E85



7B677C

Sweetspot

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



756D55



99968D



75555D



4D4B45



CCCCCC



4D4D4D

Same Dimension

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



756D55



998C67



6D7555



3B3935



7A5C00



FABB00

Inverse Universe

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



555D75



677399



5D5575



35363B



001F7A



003EFA

Previews

White Background



This preview shows how the Hex color 756D55 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

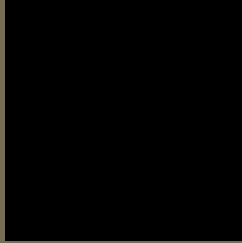
Any Text WCAG AA × Fail

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 756D55 Background



This preview shows how black text looks on a background with the Hex color 756D55.



This preview shows how white text looks on a background with the Hex color 756D55.

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
756D55

Protanopia
756D55

Deuteranopia
806956



Tritanopia
786971

Trichromacy



Original Color
756D55

Protanomaly
756D55

Deuteranomaly
7C6A56

Tritanomaly
776A67

Monochromacy



Original Color
756D55

Achromatopsia
6D6D6D

Achromatomaly
706D64

CSS Examples

Text

The CSS property to change the color of the text to Hex 756D55 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 #756D55 looks like.

```
.text, #text, p{  
    color:#756D55  
}
```

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 #756D55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #756D55
}
```

Border

The CSS property to change the border of an element to Hex 756D55 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".

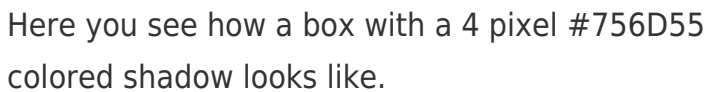
```
.border, #border, table{ border:4px solid
#756D55 }
```

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

```
.border{ border-color:#756D55 }
```

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

Here you see how a box with a 4 pixel #756D55 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #756D55; -webkit-box-shadow:4px 4px  
4px 4px #756D55; box-shadow:4px 4px 4px  
4px #756D55 }
```

Background

The CSS property to change the background color of an element to Hex 756D55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#756D55 }
```

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

```
.background{ background-color:#756D55 }
```

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