

# Converting Colors

Hex(756149)

Have a look what the booklet for  
Hex(756149) contains.

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**Color**

**Hex(756149)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	756149
RGB	117, 97, 73
RGB Percent	46%, 38%, 29%
CMY	0.5412, 0.6196, 0.7137
CMYK	0.00, 0.17, 0.38, 0.54
HSL	33°, 23%, 37%
HSV	33°, 38%, 46%
XYZ	12.8134, 12.8123, 8.1010
YIQ	100.2440, 19.6240, -3.2240

# Conversions

## Conversions Part 2

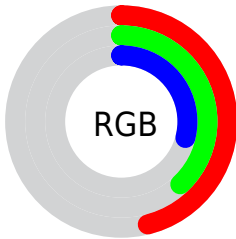
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 117, 73
Decimal	7692617
CIE <sub>Lab</sub>	42.48, 4.31, 16.71
CIE <sub>LCh</sub>	42, 17.255, 75.530
Yxy	12.8123, 0.3799, 0.3799
Android (android.graphics.Color)	4285882697 (0xFF756149)
YUV	100.2440, -13.4313, 14.6950
Hunter-Lab	35.7943, 1.2582, 11.6374

# Details

The Hex color **756149** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **495D75**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **AA947A**, and **44331D** is the 20% darker color. If you saturate the color by 10%, you get **755C3D**, and if you desaturate by 10%, it is **756655**.

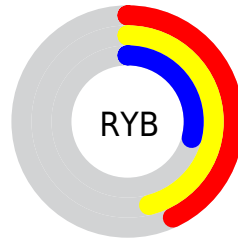
# Distribution



Red (46%)

Green (38%)

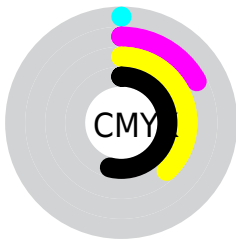
Blue (29%)



Red (43%)

Yellow (46%)

Blue (29%)

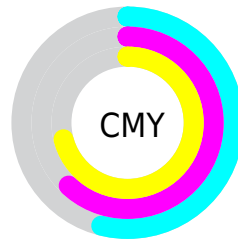


Cyan (0%)

Magenta (17%)

Yellow (38%)

Black (54%)



Cyan (54%)

Magenta (62%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 756149 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 756149 by changing the saturation by 10% instead.



 756149

 756149

FFFFFF

 5C4932

 AA947A

 44331D

 C5AE94

 2D1E05

 E2C9AE

 150500

 FFE6CA

 000000

 FFFF66

 756149

 756149

 755C3D

 756655

 755632

 756C60

■ 755126

■ 75716C

■ 754C1A

■ 757678

■ 75460E

■ 757C84

■ 754103

■ 75818F

■ 754000

■ 75869B

■ 758CA7

■ 7591B2

# Harmonies

## Analogous

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



7E5D51



756149



676649

# Triad

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



756149



3C6C6B



705E78

# Complementary

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



756149



495D75

# 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.



5D6380



756149



3C6B78

# Square

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



756149



476C5D



4A687F



7C5B6C

# Rectangle

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



756149



5C684D



4A687F



6A607B



# Sweetspot

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



756149



999188



75495E



4D4843



CCCCCC



4D4D4D



# Same Dimension

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



756149



997A54



747549



3B3835



7A4300



FA8800



# Inverse Universe

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



495D75



547399



4A4975



35373B



00387A

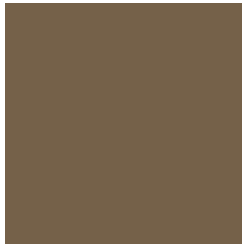


0072FA



# Previews

## White Background



This preview shows how the Hex color 756149 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 756149 Background



This preview shows how black text looks on a background with the Hex color 756149.



This preview shows how white text looks on a background with the Hex color 756149.

# 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**  
756149

**Protanopia**  
6C644A

**Deuteranopia**  
776049



**Tritanopia**  
785D65

# Trichromacy



**Original Color**  
756149

**Protanomaly**  
6F634A

**Deuteranomaly**  
766049

**Tritanomaly**  
775E5B

# Monochromacy



**Original Color**  
756149

**Achromatopsia**  
646464

**Achromatomaly**  
6A635A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 756149 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 #756149 looks like.

```
.text, #text, p{  
    color:#756149  
}
```

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 #756149 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #756149
}
```

## Border

The CSS property to change the border of an element to Hex 756149 is called "border". The border property can be set on classes, ids or directly on the HTML element.

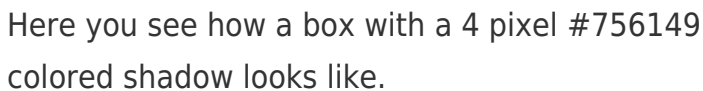
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#756149 }
```

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

```
.border{ border-color:#756149 }
```

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



Here you see how a box with a 4 pixel #756149 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #756149; -webkit-box-shadow:4px 4px  
4px 4px #756149; box-shadow:4px 4px 4px  
4px #756149 }
```

# Background

The CSS property to change the background color of an element to Hex 756149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#756149 }
```

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

```
.background{ background-color:#756149 }
```

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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