

# Converting Colors

Hex(756553)

Have a look what the booklet for  
Hex(756553) contains.

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**Color**

**Hex(756553)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	756553
RGB	117, 101, 83
RGB Percent	46%, 40%, 33%
CMY	0.5412, 0.6039, 0.6745
CMYK	0.00, 0.14, 0.29, 0.54
HSL	32°, 17%, 39%
HSV	32°, 29%, 46%
XYZ	13.5511, 13.7138, 10.1164
YIQ	103.7320, 15.3140, -2.2060

# Conversions

## Conversions Part 2

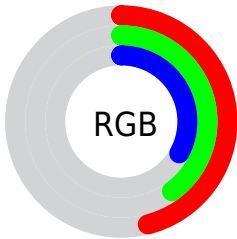
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 117, 83
Decimal	7693651
CIE Lab	43.82, 3.36, 12.55
CIE LCh	44, 12.996, 75.006
Yxy	13.7138, 0.3625, 0.3669
Android (android.graphics.Color)	4285883731 (0xFF756553)
YUV	103.7320, -10.2209, 11.6360
Hunter-Lab	37.0322, 0.5120, 9.7257

# Details

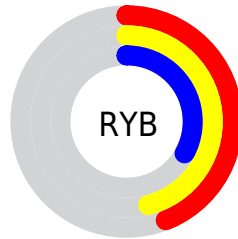
The Hex color **756553** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **536375**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **AA9885**, and **443626** is the 20% darker color. If you saturate the color by 10%, you get **755F47**, and if you desaturate by 10%, it is **756B5F**.

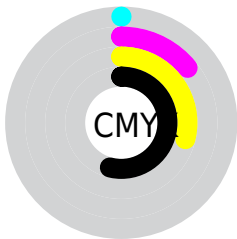
# Distribution



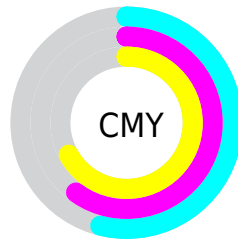
- Red (46%)
- Green (40%)
- Blue (33%)



- Red (44%)
- Yellow (46%)
- Blue (33%)



- Cyan (0%)
- Magenta (14%)
- Yellow (29%)
- Black (54%)



- Cyan (54%)
- Magenta (60%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 756553 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 756553 by changing the saturation by 10% instead.



 756553

 756553

FFFFFF

 5C4D3C

 AA9885

 443626

 C5B39F

 2D2112

 E1CEBA

 180B00

 FEEAD5

 000000

 FFFFF2

 756553

 756553

 755F47

 756B5F

 755A3C

 75706A

■ 755430

■ 757676

■ 754F24

■ 757B82

■ 754919

■ 75818E

■ 75440D

■ 758699

■ 753E01

■ 758CA5

■ 753E00

■ 7591B1

■ 7597BC

# Harmonies

## Analogous

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



7C6259



756553



6A6953

# Triad

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



756553



4B6E6D



706377

# Complementary

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



756553



536375

# 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.



62677C



756553



4C6D76

# Square

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



756553



536D62



556A7C



7A616D

# Rectangle

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



756553



626B56



556A7C



6C6479



# Sweetspot

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



756553



99938B



755363



4D4944



CCCCCC



4D4D4D



# Same Dimension

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



756553



998063



747553



3B3835



7A4100



FA8400



# Inverse Universe

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



536375



637D99



545375



35383B



003A7A



0076FA



# Previews

## White Background



This preview shows how the Hex color 756553 looks on a white background.

## Color Contrast Check

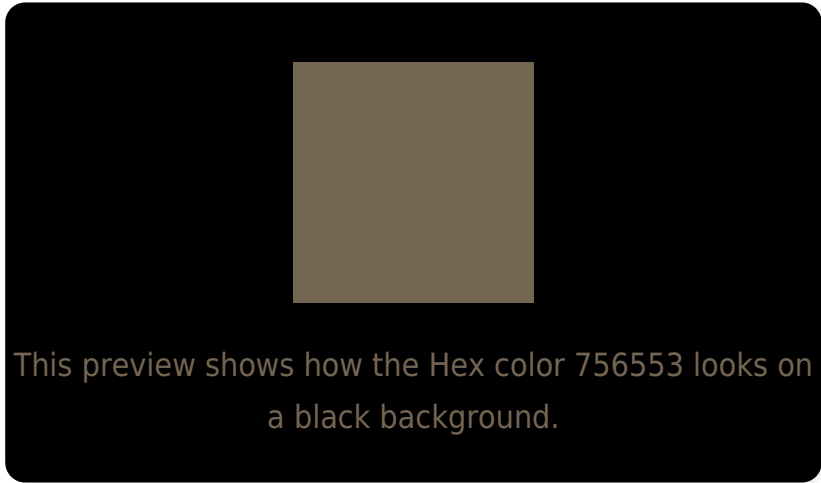
Large Text (above 18pt) WCAG AA ✓ Pass

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

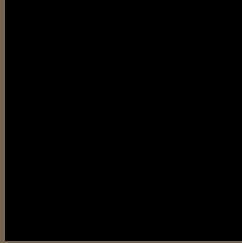
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 756553 Background



This preview shows how black text looks on a background with the Hex color 756553.



This preview shows how white text looks on a background with the Hex color 756553.

# 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**  
756553

**Protanopia**  
6E6754

**Deuteranopia**  
796453



**Tritanopia**  
786269

# Trichromacy



**Original Color**  
756553

**Protanomaly**  
716654

**Deuteranomaly**  
786453

**Tritanomaly**  
776361

# Monochromacy



**Original Color**  
756553

**Achromatopsia**  
686868

**Achromatomaly**  
6D6760

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 756553 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 #756553 looks like.

```
.text, #text, p{  
    color:#756553  
}
```

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 #756553 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #756553
}
```

## Border

The CSS property to change the border of an element to Hex 756553 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".

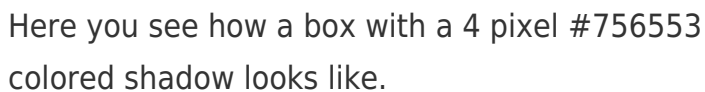
```
.border, #border, table{ border:4px solid
#756553 }
```

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

```
.border{ border-color:#756553 }
```

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

Here you see how a box with a 4 pixel #756553 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #756553; -webkit-box-shadow:4px 4px  
4px 4px #756553; box-shadow:4px 4px 4px  
4px #756553 }
```

# Background

The CSS property to change the background color of an element to Hex 756553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#756553 }
```

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

```
.background{ background-color:#756553 }
```

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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