

# Converting Colors

Hex(756363)

Have a look what the booklet for  
Hex(756363) contains.

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**Color**

**Hex(756363)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	756363
RGB	117, 99, 99
RGB Percent	46%, 39%, 39%
CMY	0.5412, 0.6118, 0.6118
CMYK	0.00, 0.15, 0.15, 0.54
HSL	0°, 8%, 42%
HSV	0°, 15%, 46%
XYZ	14.0501, 13.6064, 13.6902
YIQ	104.3820, 10.7280, 3.8160

# Conversions

## Conversions Part 2

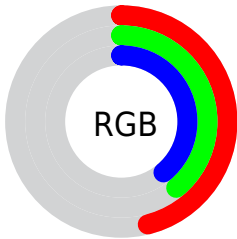
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 99, 99
Decimal	7693155
CIE Lab	43.66, 7.20, 2.67
CIE LCh	44, 7.684, 20.353
Yxy	13.6064, 0.3398, 0.3291
Android (android.graphics.Color)	4285883235 (0xFF756363)
YUV	104.3820, -2.6533, 11.0660
Hunter-Lab	36.8869, 3.4379, 3.8160

# Details

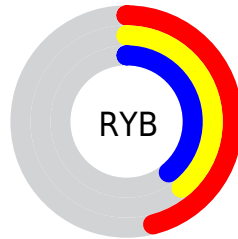
The Hex color **756363** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **637575**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **A99696**, and **443435** is the 20% darker color. If you saturate the color by 10%, you get **755757**, and if you desaturate by 10%, it is **756F6F**.

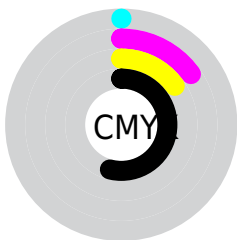
# Distribution



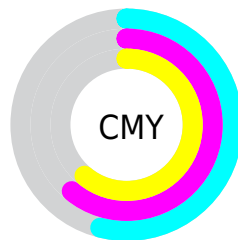
- Red (46%)
- Green (39%)
- Blue (39%)



- Red (46%)
- Yellow (39%)
- Blue (39%)



- Cyan (0%)
- Magenta (15%)
- Yellow (15%)
- Black (54%)



- Cyan (54%)
- Magenta (61%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 756363 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 756363 by changing the saturation by 10% instead.



 756363

 756363

FFFFFF

 5C4B4B

 A99696

 443435

 C5B0B0

 2E1F1F

 E1CCCC

 1B0707

 FDE8E8

 000000

 756363

 756363

 755757

 756F6F

 754C4C

 757A7A

 754040

 758686

■ 753434

■ 759292

■ 752929

■ 759E9E

■ 751D1D

■ 75A9A9

■ 751111

■ 75B5B5

■ 750505

■ 75C1C1

■ 750000

■ 75CCCC

# Harmonies

## Analogous

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



736369



756363



73645E

# Triad

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



756363



606A5F



5E6874

# Complementary

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



756363



637575

# 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.



596A71



756363



5A6B65

# Square

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



756363



68685B



576B6B



666673

# Rectangle

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



756363



70655B



576B6B



5C6973



# Sweetspot

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



756363



999191



756375



4D4848



CCCCCC



4D4D4D



# Same Dimension

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



756363



997D7D



756C63



3B3535



7A0000



FA0000



# Inverse Universe

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



637575



7D9999



636C75



353B3B



007A7A



00FAFA



# Previews

## White Background



This preview shows how the Hex color 756363 looks on a white background.

## Color Contrast Check

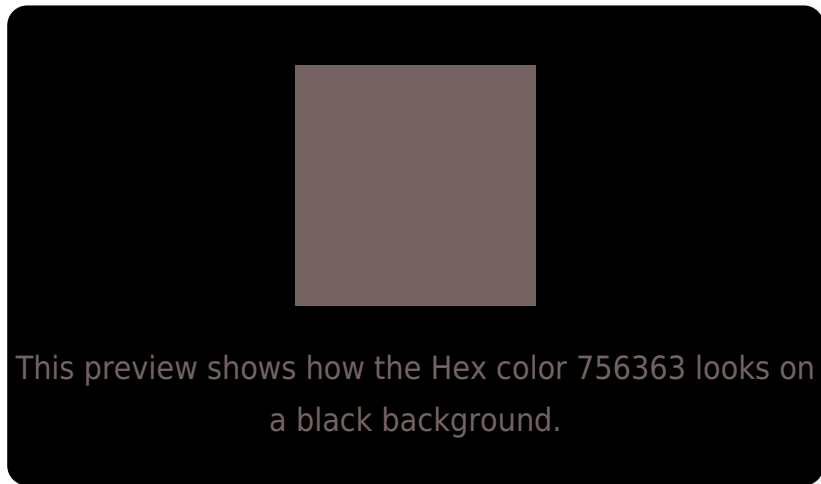
Large Text (above 18pt) WCAG AA ✓ Pass

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

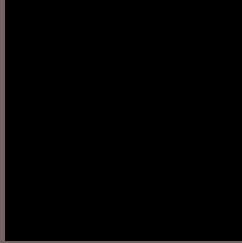
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 756363 Background



This preview shows how black text looks on a background with the Hex color 756363.

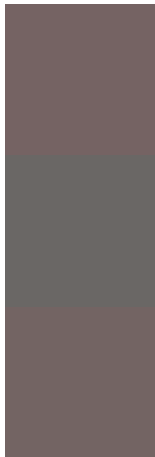


This preview shows how white text looks on a background with the Hex color 756363.

# 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**  
756363

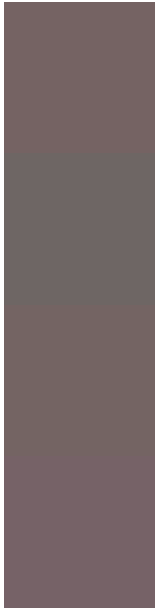
**Protanopia**  
6A6765

**Deuteranopia**  
736463



**Tritanopia**  
76626A

# Trichromacy



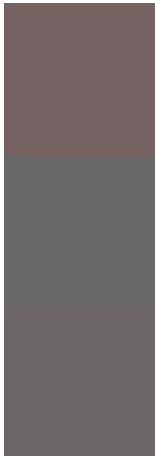
**Original Color**  
756363

**Protanomaly**  
6E6664

**Deuteranomaly**  
746463

**Tritanomaly**  
766267

# Monochromacy



**Original Color**  
756363

**Achromatopsia**  
686868

**Achromatomaly**  
6D6666

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 756363 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 #756363 looks like.

```
.text, #text, p{  
    color:#756363  
}
```

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 #756363 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #756363
}
```

## Border

The CSS property to change the border of an element to Hex 756363 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".

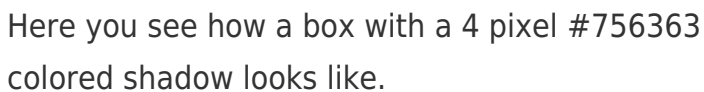
```
.border, #border, table{ border:4px solid
#756363 }
```

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

```
.border{ border-color:#756363 }
```

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

Here you see how a box with a 4 pixel #756363 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #756363; -webkit-box-shadow:4px 4px  
4px 4px #756363; box-shadow:4px 4px 4px  
4px #756363 }
```

# Background

The CSS property to change the background color of an element to Hex 756363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#756363 }
```

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

```
.background{ background-color:#756363 }
```

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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