

# Converting Colors

Hex(757566)

Have a look what the booklet for  
Hex(757566) contains.

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# Color

Hex(757566)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	757566
RGB	117, 117, 102
RGB Percent	46%, 46%, 40%
CMY	0.5412, 0.5412, 0.6000
CMYK	0.00, 0.00, 0.13, 0.54
HSL	60°, 7%, 43%
HSV	60°, 13%, 46%
XYZ	16.0957, 17.4638, 15.0929
YIQ	115.2900, 4.8150, -4.6650

# Conversions

## Conversions Part 2

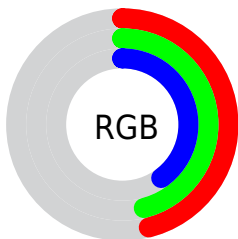
Format	Color
R <sub>Y</sub> B	102, 117, 102
Decimal	7697766
CIE Lab	48.84, -2.85, 8.29
CIE LCh	49, 8.763, 109.000
Yxy	17.4638, 0.3308, 0.3590
Android (android.graphics.Color)	4285887846 (0xFF757566)
YUV	115.2900, -6.5520, 1.4997
Hunter-Lab	41.7897, -4.3811, 7.8395

# Details

The Hex color **757566** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **666675**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **A9A999**, and **454537** is the 20% darker color. If you saturate the color by 10%, you get **75755A**, and if you desaturate by 10%, it is **757572**.

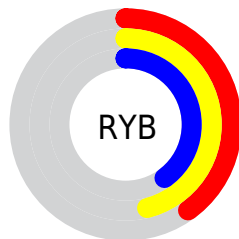
# Distribution



Red (46%)

Green (46%)

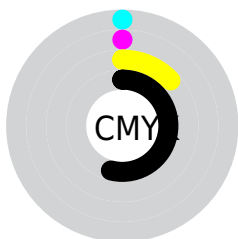
Blue (40%)



Red (40%)

Yellow (46%)

Blue (40%)

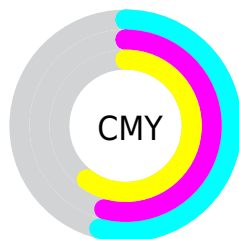


Cyan (0%)

Magenta (0%)

Yellow (13%)

Black (54%)



Cyan (54%)

Magenta (54%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 757566 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 757566 by changing the saturation by 10% instead.





757566



757566

FFFFFF



5C5C4E



A9A999



454537



C4C4B4



2E2F22



E0E0CF



1A1A0C



FDFDEC



000000



757566



757566



75755A



757572



75754F



75757D



757543



757589

 757537

 757595

 75752C

 7575A1

 757520

 7575AC

 757514

 7575B8

 757508

 7575C4

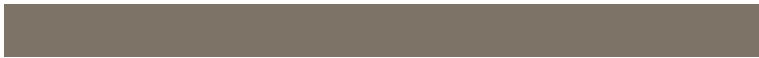
 757500

 7575CF

# Harmonies

## Analogous

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



7D7366



757566



6C776A

# Triad

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



757566



63777F



826F77

# Complementary

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



757566



666675

# 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.



7B717E



757566



697582

# Square

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



757566



617879



727382



846F6F

# Rectangle

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



757566



67786E



727382



807079



# Sweetspot

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



757566



999993



756666



4D4D49



CCCCCC



4D4D4D



# Same Dimension

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



757566



999982



6E7566



3B3B35



7A7A00



FAFA00



# Inverse Universe

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



666675



828299



6E6675



35353B



00007A



0000FA



# Previews

## White Background



This preview shows how the Hex color 757566 looks on a white background.

## Color Contrast Check

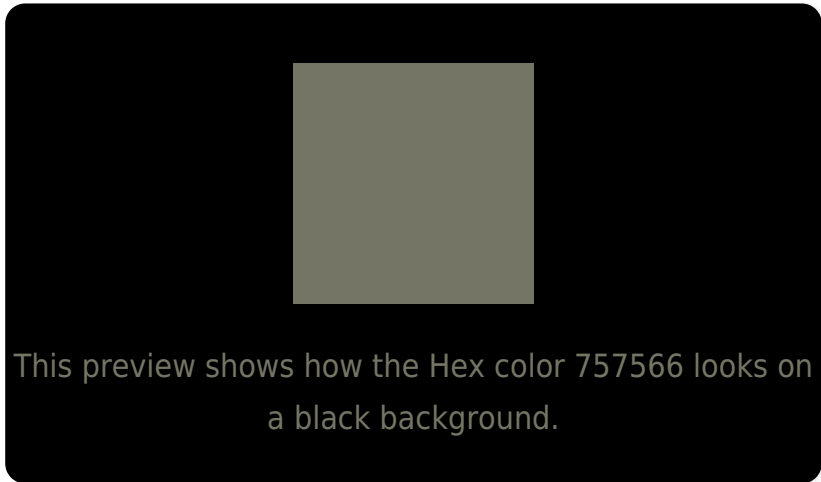
Large Text (above 18pt) WCAG AA ✓ Pass

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

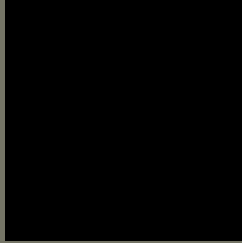
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 757566 Background



This preview shows how black text looks on a background with the Hex color 757566.



This preview shows how white text looks on a background with the Hex color 757566.

# 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**

757566

**Protanopia**

797465

**Deuteranopia**

847067



**Tritanopia**  
78727B

# Trichromacy



**Original Color**  
757566

**Protanomaly**  
787465

**Deuteranomaly**  
7F7267

**Tritanomaly**  
777373

# Monochromacy



**Original Color**  
757566

**Achromatopsia**  
737373

**Achromatomaly**  
74746E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 757566 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 #757566 looks like.

```
.text, #text, p{  
    color:#757566  
}
```

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 #757566 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #757566
}
```

## Border

The CSS property to change the border of an element to Hex 757566 is called "border". The border property can be set on classes, ids or directly on the HTML element.

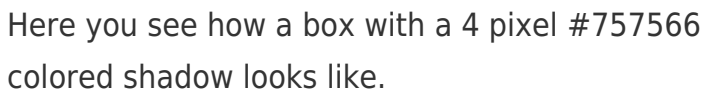
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#757566 }
```

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

```
.border{ border-color:#757566 }
```

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



Here you see how a box with a 4 pixel #757566 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #757566; -webkit-box-shadow:4px 4px  
4px 4px #757566; box-shadow:4px 4px 4px  
4px #757566 }
```

# Background

The CSS property to change the background color of an element to Hex 757566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#757566 }
```

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

```
.background{ background-color:#757566 }
```

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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