

# Converting Colors

Hex(757A6C)

Have a look what the booklet for  
Hex(757A6C) contains.

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# Color

Hex(757A6C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	757A6C
RGB	117, 122, 108
RGB Percent	46%, 48%, 42%
CMY	0.5412, 0.5216, 0.5765
CMYK	0.04, 0.00, 0.11, 0.52
HSL	81°, 6%, 45%
HSV	81°, 11%, 48%
XYZ	17.0024, 18.7837, 16.9168
YIQ	118.9090, 1.5140, -5.4140

# Conversions

## Conversions Part 2

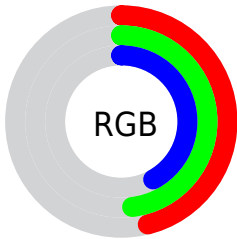
Format	Color
<a href="#">RYB</a>	<a href="#">108, 122, 113</a>
Decimal	<a href="#">7699052</a>
CIELab	<a href="#">50.43, -4.62, 7.02</a>
CIElCh	<a href="#">50, 8.407, 123.364</a>
Yxy	<a href="#">18.7837, 0.3226, 0.3564</a>
Android (android.graphics.Color)	<a href="#">4285889132 (0xFF757A6C)</a>
YUV	<a href="#">118.9090, -5.3781, -1.6742</a>
Hunter-Lab	<a href="#">43.3401, -5.8194, 7.1956</a>

# Details

The Hex color **757A6C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **716C7A**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **A9AE9F**, and **45493D** is the 20% darker color. If you saturate the color by 10%, you get **717A60**, and if you desaturate by 10%, it is **797A78**.

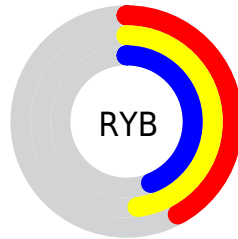
# Distribution



Red (46%)

Green (48%)

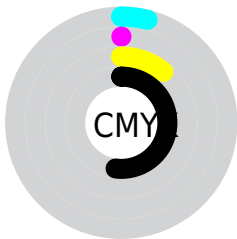
Blue (42%)



Red (42%)

Yellow (48%)

Blue (44%)

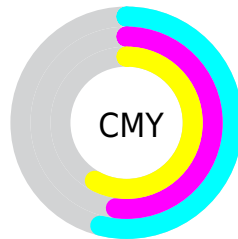


Cyan (4%)

Magenta (0%)

Yellow (11%)

Black (52%)



Cyan (54%)

Magenta (52%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 757A6C 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 757A6C by changing the saturation by 10% instead.



 757A6C

 757A6C

FFFFFF

 5C6154

 A9AE9F

 45493D

 C4CABA

 2E3327

 E0E6D6

 1A1E12


 FDFFF2

 000300

 000000

 757A6C

 757A6C

 717A60

 797A78

 6C7A54

 7E7A84

687A47

827A91

647A3B

867A9D

5F7A2F

8B7AA9

5B7A23

8F7AB5

567A17

947AC1

527A0A

987ACE

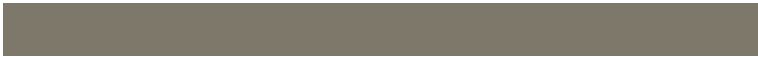
4E7A00

9C7ADA

# Harmonies

## Analogous

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



7D786A



757A6C



6D7C71

# Triad

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



757A6C



6A7B85



877377

# Complementary

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



757A6C



716C7A

# 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.



82747F



757A6C



727886

# Square

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



757A6C



667C80



7B7684



877470

# Rectangle

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



757A6C



697C76



7B7684



86737A



# Sweetspot

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



757A6C



9C9E99



7A716C



4E4F4C



CFCFCF



4F4F4F



# Same Dimension

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



757A6C



969E88



6E7A6C



3B3D37



507D00



A2FC00



# Inverse Universe

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



716C7A



90889E



786C7A



39373D



2D007D



5A00FC



# Previews

## White Background



This preview shows how the Hex color 757A6C looks on a white background.

## Color Contrast Check

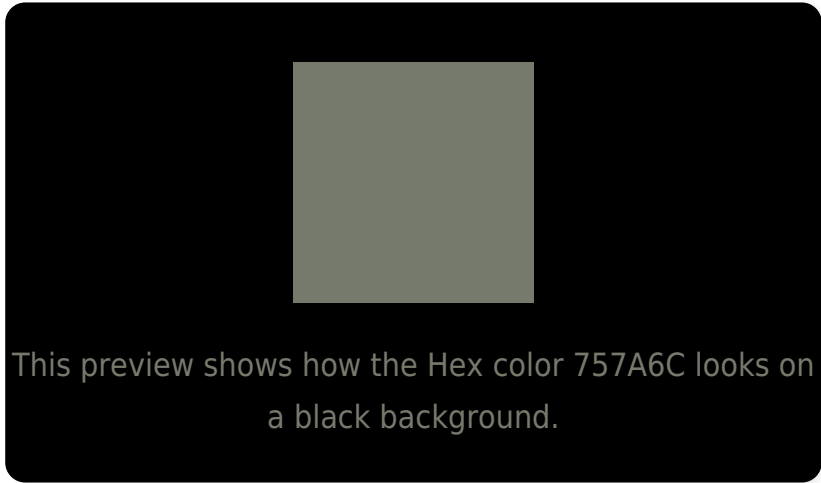
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

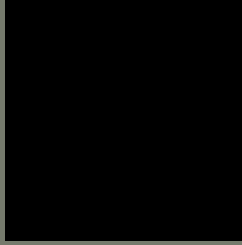
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

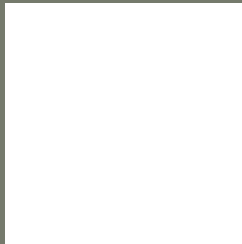
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 757A6C Background



This preview shows how black text looks on a background with the Hex color 757A6C.

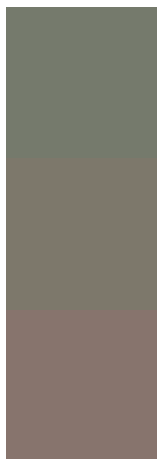


This preview shows how white text looks on a background with the Hex color 757A6C.

# 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**  
757A6C

**Protanopia**  
7D786B

**Deuteranopia**  
87746D



**Tritanopia**  
787780

# Trichromacy



**Original Color**  
757A6C

**Protanomaly**  
7A796B

**Deuteranomaly**  
80766D

**Tritanomaly**  
777879

# Monochromacy



**Original Color**  
757A6C

**Achromatopsia**  
777777

**Achromatomaly**  
767873

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 757A6C 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 #757A6C looks like.

```
.text, #text, p{  
    color:#757A6C  
}
```

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 #757A6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #757A6C
}
```

## Border

The CSS property to change the border of an element to Hex 757A6C is called "border". The border property can be set on classes, ids or directly on the HTML element.

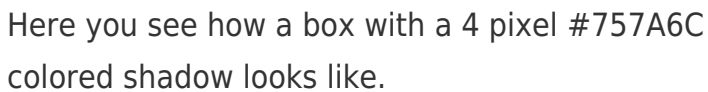
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#757A6C }
```

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

```
.border{ border-color:#757A6C }
```

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



Here you see how a box with a 4 pixel `#757A6C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #757A6C; -webkit-box-shadow:4px 4px  
4px 4px #757A6C; box-shadow:4px 4px 4px  
4px #757A6C }
```

# Background

The CSS property to change the background color of an element to Hex 757A6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#757A6C }
```

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

```
.background{ background-color:#757A6C }
```

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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