

# Converting Colors

Hex(757A5F)

Have a look what the booklet for  
Hex(757A5F) contains.

<b>Hex(757A5F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(757A5F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	757A5F
RGB	117, 122, 95
RGB Percent	46%, 48%, 37%
CMY	0.5412, 0.5216, 0.6275
CMYK	0.04, 0.00, 0.22, 0.52
HSL	71°, 12%, 43%
HSV	71°, 22%, 48%
XYZ	16.3612, 18.5272, 13.5403
YIQ	117.4270, 5.6870, -9.4570

# Conversions

## Conversions Part 2

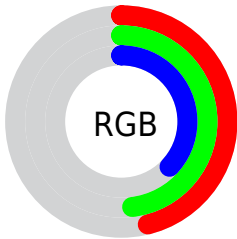
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 122, 100
Decimal	7699039
CIE Lab	50.13, -6.90, 14.19
CIE LCh	50, 15.778, 115.938
Yxy	18.5272, 0.3378, 0.3826
Android (android.graphics.Color)	4285889119 (0xFF757A5F)
YUV	117.4270, -11.0565, -0.3745
Hunter-Lab	43.0432, -7.4758, 11.4792

# Details

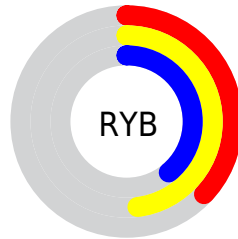
The Hex color **757A5F** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **645F7A**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **A9AE92**, and **444931** is the 20% darker color. If you saturate the color by 10%, you get **737A53**, and if you desaturate by 10%, it is **777A6B**.

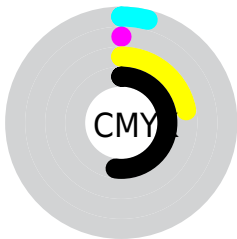
# Distribution



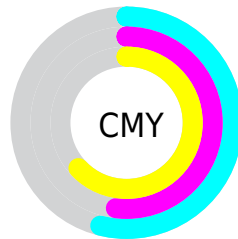
- Red (46%)
- Green (48%)
- Blue (37%)



- Red (37%)
- Yellow (48%)
- Blue (39%)



- Cyan (4%)
- Magenta (0%)
- Yellow (22%)
- Black (52%)



- Cyan (54%)
- Magenta (52%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 757A5F 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 757A5F by changing the saturation by 10% instead.





757A5F



757A5F

FFFFFF



5C6147



A9AE92



444931



C5CAAC



2E331B



E1E6C8



1A1E02



FDFFE4



000100



000000



757A5F



757A5F



737A53



777A6B



707A47



7A7A77

 6E7A3A

 7C7A84

 6C7A2E

 7E7A90

 6A7A22

 807A9C

 677A16

 837AA8

 657A0A

 857AB4

 637A00

 877AC1

 897ACD

# Harmonies

## Analogous

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



83765D



757A5F



667D68

# Triad

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



757A5F



577D8D



916E7A

# Complementary

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



757A5F



645F7A

# 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.



877086



757A5F



657992

# Square

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



757A5F



527F82



77748F



936E6C

# Rectangle

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



757A5F



5C7F70



77748F



8E6E7E



# Sweetspot

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



757A5F



9C9E93



7A645F



4E4F49



CFCFCF



4F4F4F



# Same Dimension

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



757A5F



969E73



687A5F



3C3D37



667D00



CEFC00



# Inverse Universe

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



645F7A



7B739E



715F7A



38373D



17007D



2F00FC



# Previews

## White Background



This preview shows how the Hex color 757A5F looks on a white background.

## Color Contrast Check

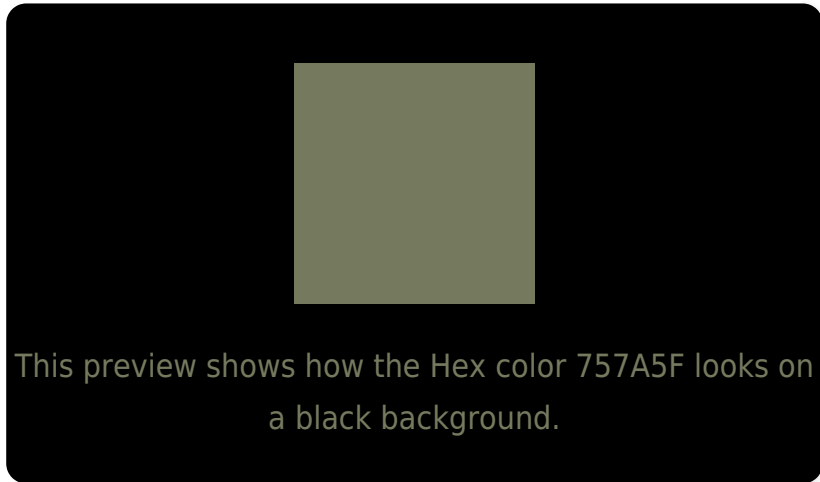
Large Text (above 18pt) WCAG AA ✓ Pass

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

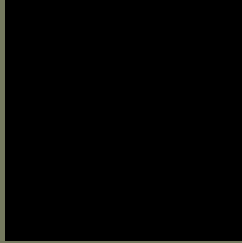
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

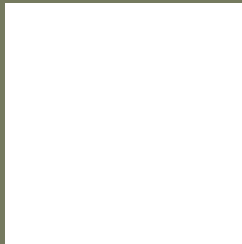
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 757A5F Background



This preview shows how black text looks on a background with the Hex color 757A5F.



This preview shows how white text looks on a background with the Hex color 757A5F.

# 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**  
757A5F

**Protanopia**  
7F775E

**Deuteranopia**  
8A7261



**Tritanopia**  
79767F

# Trichromacy



**Original Color**  
757A5F

**Protanomaly**  
7B785E

**Deuteranomaly**  
827560

**Tritanomaly**  
787773

# Monochromacy



**Original Color**  
757A5F

**Achromatopsia**  
757575

**Achromatomaly**  
75776D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 757A5F 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 #757A5F looks like.

```
.text, #text, p{  
    color:#757A5F  
}
```

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 #757A5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #757A5F
}
```

## Border

The CSS property to change the border of an element to Hex 757A5F is called "border". The border property can be set on classes, ids or directly on the HTML element.

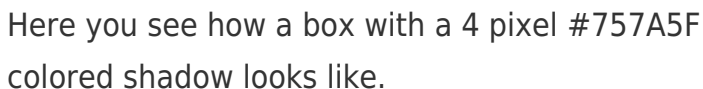
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#757A5F }
```

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

```
.border{ border-color:#757A5F }
```

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



Here you see how a box with a 4 pixel `#757A5F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #757A5F; -webkit-box-shadow:4px 4px  
4px 4px #757A5F; box-shadow:4px 4px 4px  
4px #757A5F }
```

# Background

The CSS property to change the background color of an element to Hex 757A5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#757A5F }
```

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

```
.background{ background-color:#757A5F }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor