

# Converting Colors

Hex(757F59)

Have a look what the booklet for  
Hex(757F59) contains.

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# Color

**Hex(757F59)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	757F59
RGB	117, 127, 89
RGB Percent	46%, 50%, 35%
CMY	0.5412, 0.5020, 0.6510
CMYK	0.08, 0.00, 0.30, 0.50
HSL	76°, 18%, 42%
HSV	76°, 30%, 50%
XYZ	16.7287, 19.6819, 12.3685
YIQ	119.6780, 6.2380, -13.9380

# Conversions

## Conversions Part 2

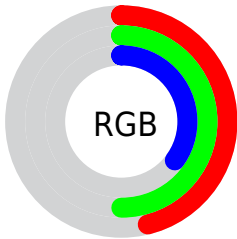
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 127, 99
Decimal	7700313
CIE <sub>Lab</sub>	51.48, -10.64, 19.48
CIE <sub>LCh</sub>	51, 22.192, 118.642
Yxy	19.6819, 0.3429, 0.4035
Android (android.graphics.Color)	4285890393 (0xFF757F59)
YUV	119.6780, -15.1243, -2.3486
Hunter-Lab	44.3643, -10.3297, 14.5253

# Details

The Hex color **757F59** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **63597F**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **A9B48B**, and **444E2B** is the 20% darker color. If you saturate the color by 10%, you get **727F4C**, and if you desaturate by 10%, it is **787F66**.

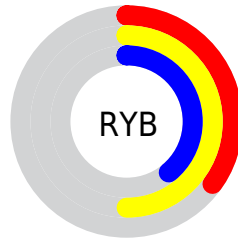
# Distribution



Red (46%)

Green (50%)

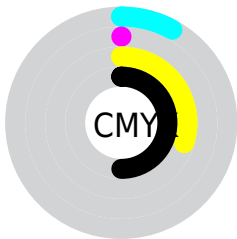
Blue (35%)



Red (35%)

Yellow (50%)

Blue (39%)

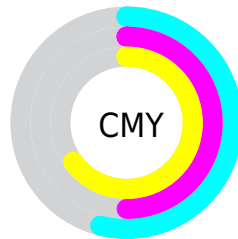


Cyan (8%)

Magenta (0%)

Yellow (30%)

Black (50%)



Cyan (54%)

Magenta (50%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 757F59 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 757F59 by changing the saturation by 10% instead.



 757F59

 757F59

FFFFFF

 5C6641

 A9B48B

 444E2B

 C5CFA6

 2D3716

 E1EBC1

 1A2200

 FEFFDD

 000A00

 FFFFFA

 000000

 757F59

 757F59

 727F4C

 787F66

 6E7F40

 7C7F72

 6B7F33

 7F7F7F

 687F26

 827F8C

 647F19

 867F99

 617F0D

 897FA5

 5E7F00

 8C7FB2

 907FBF

 937FCB

# Harmonies

## Analogous

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



897955



757F59



5F8366

# Triad

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



757F59



49829A



9F6D7C

# Complementary

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



757F59



63597F

# 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.



92708F



757F59



617DA0

# Square

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



757F59



40858C



7C769C



A06E69

# Rectangle

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



757F59



518573



7C769C



9C6D83



# Sweetspot

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



757F59



A2A697



7F6259



52544B



D4D4D4



545454



# Same Dimension

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



757F59



96A66A



627F59



3E4039



5E8000



000000



# Inverse Universe

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



63597F



7A6AA6



76597F



3B3940



220080



000000



# Previews

## White Background



This preview shows how the Hex color 757F59 looks on a white background.

## Color Contrast Check

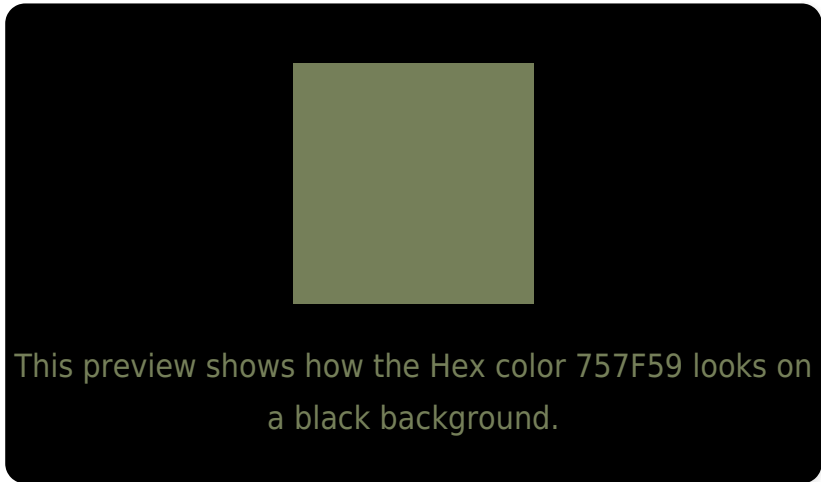
Large Text (above 18pt) WCAG AA ✓ Pass

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

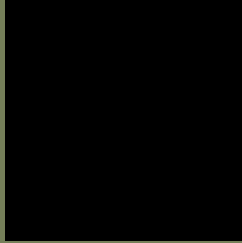
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

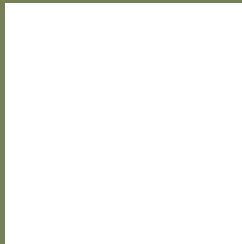
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 757F59 Background



This preview shows how black text looks on a background with the Hex color 757F59.



This preview shows how white text looks on a background with the Hex color 757F59.

# 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**  
757F59

**Protanopia**  
847A57

**Deuteranopia**  
91755B



**Tritanopia**  
7B7A83

# Trichromacy



**Original Color**  
757F59

**Protanomaly**  
7F7C58

**Deuteranomaly**  
87795A

**Tritanomaly**  
797C74

# Monochromacy



**Original Color**  
757F59

**Achromatopsia**  
787878

**Achromatomaly**  
777B6D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 757F59 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 #757F59 looks like.

```
.text, #text, p{  
    color:#757F59  
}
```

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 #757F59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #757F59
}
```

## Border

The CSS property to change the border of an element to Hex 757F59 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
#757F59 }
```

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

```
.border{ border-color:#757F59 }
```

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

Here you see how a box with a 4 pixel #757F59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #757F59; -webkit-box-shadow:4px 4px  
4px 4px #757F59; box-shadow:4px 4px 4px  
4px #757F59 }
```

# Background

The CSS property to change the background color of an element to Hex 757F59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#757F59 }
```

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

```
.background{ background-color:#757F59 }
```

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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