

# Converting Colors

Hex(757C70)

Have a look what the booklet for  
Hex(757C70) contains.

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# Color

Hex(757C70)

# Conversions

## Conversions Part 1

Format	Color
Hex	757C70
RGB	117, 124, 112
RGB Percent	46%, 49%, 44%
CMY	0.5412, 0.5137, 0.5608
CMYK	0.06, 0.00, 0.10, 0.51
HSL	95°, 5%, 46%
HSV	95°, 10%, 49%
XYZ	17.4684, 19.3671, 18.1468
YIQ	120.5390, -0.3200, -5.2160

# Conversions

## Conversions Part 2

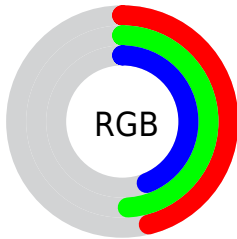
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 124, 119
Decimal	7699568
CIE Lab	51.11, -5.01, 5.65
CIE LCh	51, 7.550, 131.547
Yxy	19.3671, 0.3177, 0.3522
Android (android.graphics.Color)	4285889648 (0xFF757C70)
YUV	120.5390, -4.2097, -3.1037
Hunter-Lab	44.0080, -6.1608, 6.3573

# Details

The Hex color **757C70** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **77707C**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **A9B0A4**, and **454B40** is the 20% darker color. If you saturate the color by 10%, you get **6E7C64**, and if you desaturate by 10%, it is **7C7C7C**.

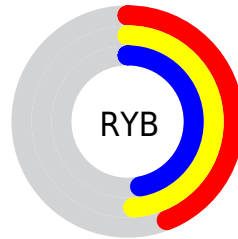
# Distribution



Red (46%)

Green (49%)

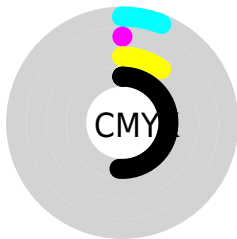
Blue (44%)



Red (44%)

Yellow (49%)

Blue (47%)

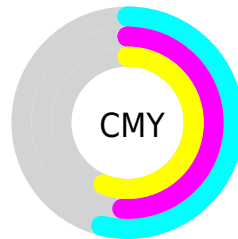


Cyan (6%)

Magenta (0%)

Yellow (10%)

Black (51%)



Cyan (54%)

Magenta (51%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 757C70 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 757C70 by changing the saturation by 10% instead.



 757C70

 757C70

FFFFFF

 5C6358

 A9B0A4

 454B40

 C4CCBF

 2F352A

 E0E8DB

 1A1F16

 FDFFF7

 000800

 000000

 757C70

 757C70

 6E7C64

 7C7C7C

 677C57

 837C89

■ 5F7C4B

■ 8B7C95

■ 587C3E

■ 927CA2

■ 517C32

■ 997CAE

■ 4A7C26

■ A07CBA

■ 427C19

■ A87CC7

■ 3B7C0D

■ AF7CD3

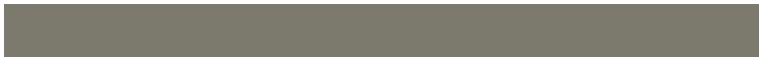
■ 347C00

■ B67CE0

# Harmonies

## Analogous

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



7C7A6D



757C70



6E7D75

# Triad

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



757C70



6F7B86



887577

# Complementary

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



757C70



77707C

# 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.



84767E



757C70



767986

# Square

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



757C70



6A7D82



7E7783



877671

# Rectangle

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



757C70



6B7E7A



7E7783



87757A



# Sweetspot

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



757C70



9EA19C



7C7770



50524E



D1D1D1



525252



# Same Dimension

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



75C70



95A18D



707C71



3A3D37



347D00



69FC00



# Inverse Universe

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



77707C



998DA1



7C707B



3B373D



49007D

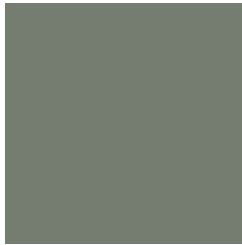


9300FC



# Previews

## White Background



This preview shows how the Hex color 757C70 looks on a white background.

## Color Contrast Check

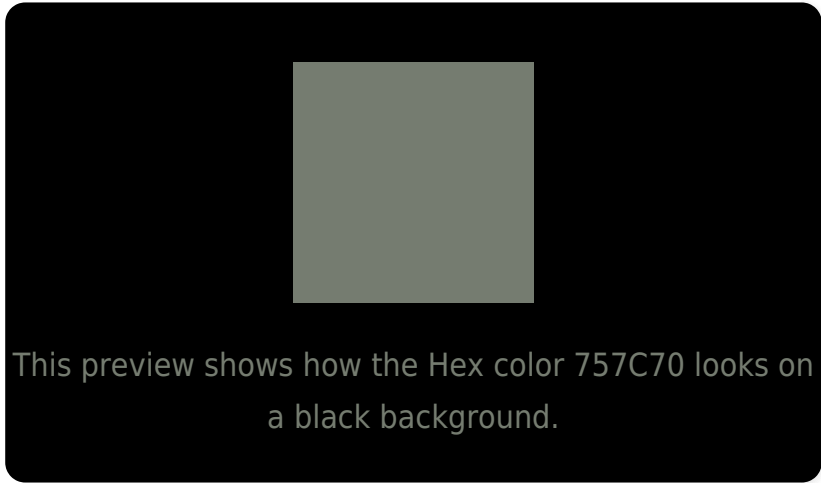
Large Text (above 18pt) WCAG AA ✓ Pass

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

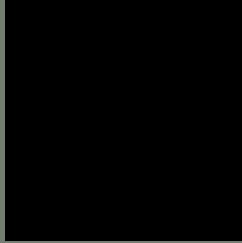
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

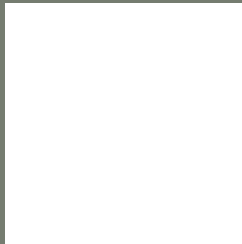
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 757C70 Background



This preview shows how black text looks on a background with the Hex color 757C70.



This preview shows how white text looks on a background with the Hex color 757C70.

# 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**  
757C70

**Protanopia**  
7E796F

**Deuteranopia**  
887571



**Tritanopia**  
787983

# Trichromacy



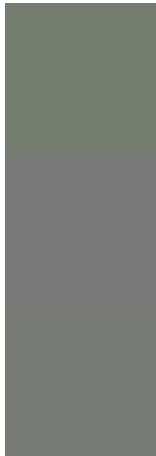
**Original Color**  
757C70

**Protanomaly**  
7B7A6F

**Deuteranomaly**  
817871

**Tritanomaly**  
777A7C

# Monochromacy



**Original Color**  
757C70

**Achromatopsia**  
797979

**Achromatomaly**  
787A76

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 757C70 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 #757C70 looks like.

```
.text, #text, p{  
    color:#757C70  
}
```

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 #757C70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #757C70
}
```

## Border

The CSS property to change the border of an element to Hex 757C70 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
#757C70 }
```

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

```
.border{ border-color:#757C70 }
```

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

Here you see how a box with a 4 pixel #757C70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #757C70; -webkit-box-shadow:4px 4px  
4px 4px #757C70; box-shadow:4px 4px 4px  
4px #757C70 }
```

# Background

The CSS property to change the background color of an element to Hex 757C70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#757C70 }
```

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

```
.background{ background-color:#757C70 }
```

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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