

# Converting Colors

Hex(755E74)

Have a look what the booklet for  
Hex(755E74) contains.

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# Color

**Hex(755E74)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	755E74
RGB	117, 94, 116
RGB Percent	46%, 37%, 45%
CMY	0.5412, 0.6314, 0.5451
CMYK	0.00, 0.20, 0.01, 0.54
HSL	303°, 11%, 41%
HSV	303°, 20%, 46%
XYZ	14.4912, 13.0483, 18.2778
YIQ	103.3850, 6.6460, 11.7180

# Conversions

## Conversions Part 2

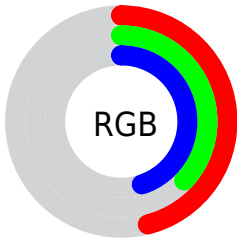
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 94, 116
Decimal	7691892
CIE <sub>Lab</sub>	42.84, 13.51, -8.89
CIE <sub>LCh</sub>	43, 16.169, 326.661
Yxy	13.0483, 0.3163, 0.2848
Android (android.graphics.Color)	4285881972 (0xFF755E74)
YUV	103.3850, 6.2192, 11.9404
Hunter-Lab	36.1224, 8.3946, -4.7148

# Details

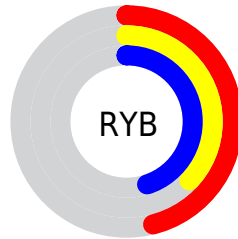
The Hex color **755E74** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5E755F**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **A991A8**, and **443044** is the 20% darker color. If you saturate the color by 10%, you get **755273**, and if you desaturate by 10%, it is **756A75**.

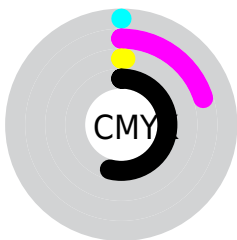
# Distribution



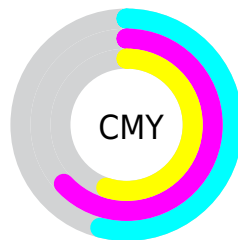
- Red (46%)
- Green (37%)
- Blue (45%)



- Red (46%)
- Yellow (37%)
- Blue (45%)



- Cyan (0%)
- Magenta (20%)
- Yellow (1%)
- Black (54%)



- Cyan (54%)
- Magenta (63%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 755E74 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 755E74 by changing the saturation by 10% instead.



■ 755E74

■ 755E74

FFFFFF

■ 5C465B

■ A991A8

■ 443044

■ C5ABC3

■ 2E1B2E

■ E1C6DF

■ 1B0119

■ FDE2FC

■ 000000

■ 755E74

■ 755E74

■ 755273

■ 756A75

■ 754773

■ 757575

■ 753B72

■ 758176

752F72

758D76

752471

759977

751871

75A477

750C70

75B078

750070

75BC78

75C779

# Harmonies

## Analogous

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



65627D



755E74



7E5C67

# Triad

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



755E74



71644B



3F6C71

# Complementary

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



755E74



5E755F

# 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.



466D63



755E74



62684D

# Square

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



755E74



7B5F4F



536B56



446A7B

# Rectangle

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



755E74



815C5E



536B56



406D6C



# Sweetspot

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



755E74



999099



5F5E75



4D474C



CCCCCC



4D4D4D



# Same Dimension

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



755E74



997497



755E69



3B353A



7A0075



FA00EF



# Inverse Universe

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



755E74



997497



5E756A



3B353A



7A0075

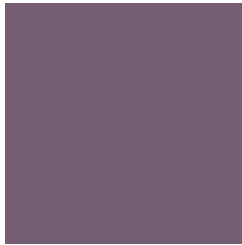


FA00EF



# Previews

## White Background



This preview shows how the Hex color 755E74 looks on a white background.

## Color Contrast Check

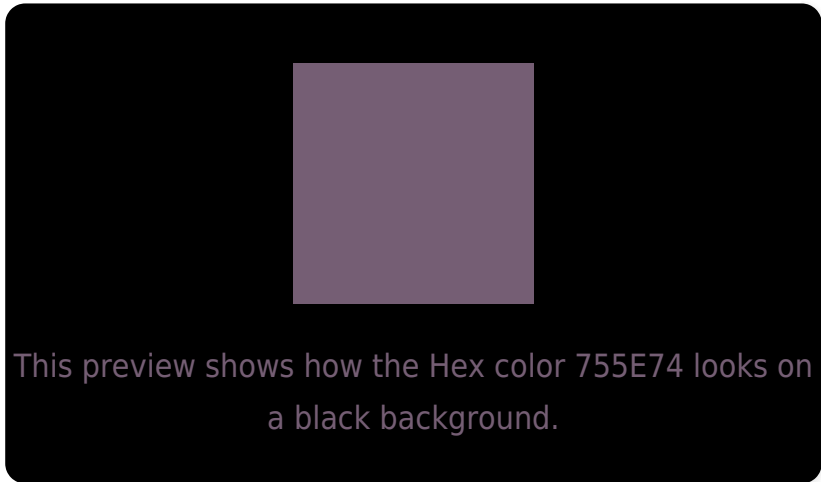
Large Text (above 18pt) WCAG AA ✓ Pass

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

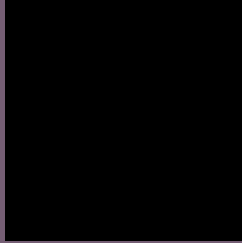
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 755E74 Background



This preview shows how black text looks on a background with the Hex color 755E74.



This preview shows how white text looks on a background with the Hex color 755E74.

# 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**  
755E74

**Protanopia**  
616478

**Deuteranopia**  
696373



**Tritanopia**  
736068

# Trichromacy



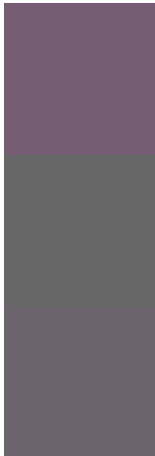
**Original Color**  
755E74

**Protanomaly**  
686277

**Deuteranomaly**  
6D6173

**Tritanomaly**  
745F6C

# Monochromacy



**Original Color**  
755E74

**Achromatopsia**  
676767

**Achromatomaly**  
6C646C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 755E74 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 #755E74 looks like.

```
.text, #text, p{  
    color:#755E74  
}
```

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 #755E74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #755E74
}
```

## Border

The CSS property to change the border of an element to Hex 755E74 is called "border". The border property can be set on classes, ids or directly on the HTML element.

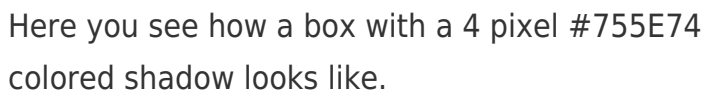
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#755E74 }
```

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

```
.border{ border-color:#755E74 }
```

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



Here you see how a box with a 4 pixel `#755E74` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #755E74; -webkit-box-shadow:4px 4px  
4px 4px #755E74; box-shadow:4px 4px 4px  
4px #755E74 }
```

# Background

The CSS property to change the background color of an element to Hex 755E74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#755E74 }
```

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

```
.background{ background-color:#755E74 }
```

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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