

# Converting Colors

Hex(754E68)

Have a look what the booklet for  
Hex(754E68) contains.

<b>Hex(754E68)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(754E68)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	754E68
RGB	117, 78, 104
RGB Percent	46%, 31%, 41%
CMY	0.5412, 0.6941, 0.5922
CMYK	0.00, 0.33, 0.11, 0.54
HSL	320°, 20%, 38%
HSV	320°, 33%, 46%
XYZ	12.5592, 10.2302, 14.4094
YIQ	92.6250, 14.8980, 16.3540

# Conversions

## Conversions Part 2

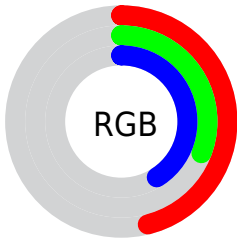
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 78, 104
Decimal	7687784
CIE Lab	38.25, 20.82, -8.38
CIE LCh	38, 22.447, 338.076
Yxy	10.2302, 0.3376, 0.2750
Android (android.graphics.Color)	4285877864 (0xFF754E68)
YUV	92.6250, 5.6079, 21.3769
Hunter-Lab	31.9846, 14.1174, -4.3215

# Details

The Hex color **754E68** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4E755B**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **AA809B**, and **442039** is the 20% darker color. If you saturate the color by 10%, you get **754264**, and if you desaturate by 10%, it is **755A6C**.

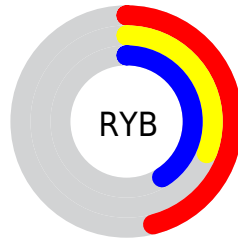
# Distribution



Red (46%)

Green (31%)

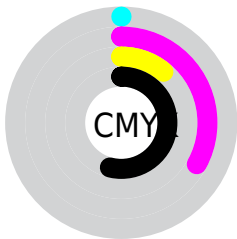
Blue (41%)



Red (46%)

Yellow (31%)

Blue (41%)

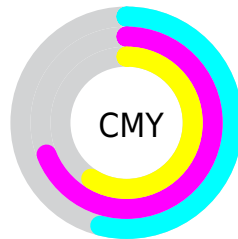


Cyan (0%)

Magenta (33%)

Yellow (11%)

Black (54%)



Cyan (54%)

Magenta (69%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 754E68 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 754E68 by changing the saturation by 10% instead.



 754E68

 754E68

FFFFFF

 5C3750

 AA809B

 442039

 C59AB6

 2D0B23

 E1B5D2

 17000D

 FED0EE

 000000

 FFEDFF

 754E68

 754E68

 754264

 755A6C

 753760

 756570

 752B5C

 757174

 751F58

 757D78

 751455

 75897C

 750851

 75947F

 75004E

 75A083

 75AC87

 75B78B

# Harmonies

## Analogous

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



635477



754E68



7D4C56

# Triad

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



754E68



615B36



156370

# Complementary

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



754E68



4E755B

# 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.



21645F



754E68



4E603D

# Square

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



754E68



725439



38634C



2B607B

# Rectangle

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



754E68



7D4D4A



38634C



16636B



# Sweetspot

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



754E68



998A94



5B4E75



4D4349



CCCCCC



4D4D4D



# Same Dimension

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



754E68



995C85



754E55



3B3539



7A0052



FA00A7



# Inverse Universe

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



754E68



995C85



4E756E



3B3539



7A0052

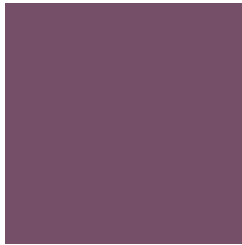


FA00A7



# Previews

## White Background



This preview shows how the Hex color 754E68 looks on a white background.

## Color Contrast Check

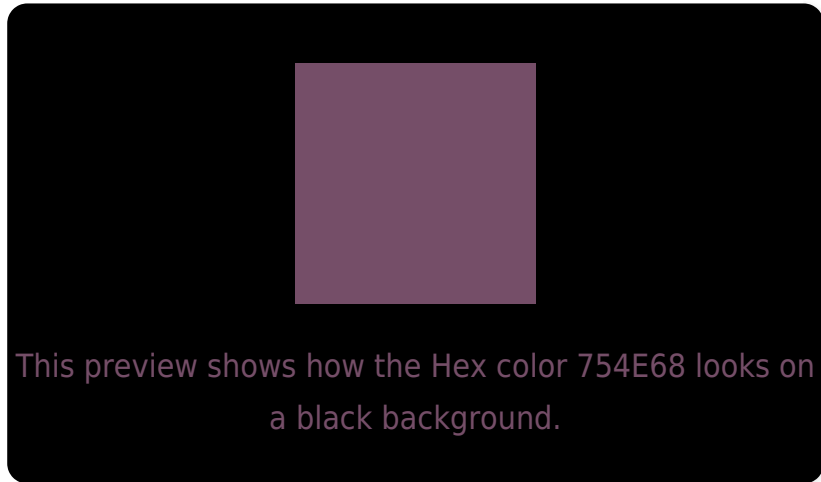
Large Text (above 18pt) WCAG AA ✓ Pass

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

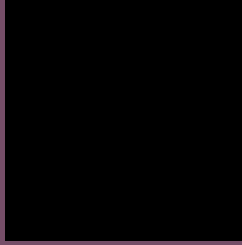
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 754E68 Background



This preview shows how black text looks on a background with the Hex color 754E68.



This preview shows how white text looks on a background with the Hex color 754E68.

# 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**  
754E68

**Protanopia**  
555970

**Deuteranopia**  
5E5866



**Tritanopia**  
735157

# Trichromacy



**Original Color**  
754E68

**Protanomaly**  
61556D

**Deuteranomaly**  
665467

**Tritanomaly**  
74505D

# Monochromacy



**Original Color**  
754E68

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
665861

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 754E68 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 #754E68 looks like.

```
.text, #text, p{  
    color:#754E68  
}
```

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 #754E68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #754E68
}
```

## Border

The CSS property to change the border of an element to Hex 754E68 is called "border". The border property can be set on classes, ids or directly on the HTML element.

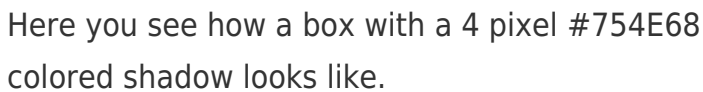
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#754E68 }
```

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

```
.border{ border-color:#754E68 }
```

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



Here you see how a box with a 4 pixel #754E68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #754E68; -webkit-box-shadow:4px 4px  
4px 4px #754E68; box-shadow:4px 4px 4px  
4px #754E68 }
```

# Background

The CSS property to change the background color of an element to Hex 754E68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#754E68 }
```

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

```
.background{ background-color:#754E68 }
```

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