

# Converting Colors

Hex(755F3E)

Have a look what the booklet for  
Hex(755F3E) contains.

<b>Hex(755F3E)</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(755F3E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	755F3E
RGB	117, 95, 62
RGB Percent	46%, 37%, 24%
CMY	0.5412, 0.6275, 0.7569
CMYK	0.00, 0.19, 0.47, 0.54
HSL	36°, 31%, 35%
HSV	36°, 47%, 46%
XYZ	12.2978, 12.3141, 6.2861
YIQ	97.8160, 23.7050, -5.5990

# Conversions

## Conversions Part 2

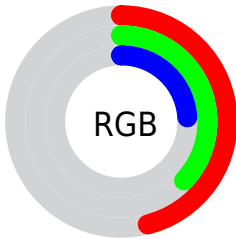
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 117, 62
Decimal	7692094
CIE Lab	41.71, 4.14, 22.20
CIE LCh	42, 22.585, 79.447
Yxy	12.3141, 0.3980, 0.3985
Android (android.graphics.Color)	4285882174 (0xFF755F3E)
YUV	97.8160, -17.6573, 16.8244
Hunter-Lab	35.0915, 1.1453, 13.9431

# Details

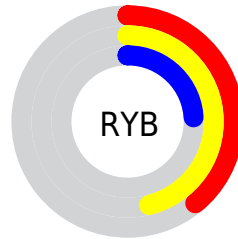
The Hex color **755F3E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3E5475**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **AA916E**, and **433112** is the 20% darker color. If you saturate the color by 10%, you get **755A32**, and if you desaturate by 10%, it is **75644A**.

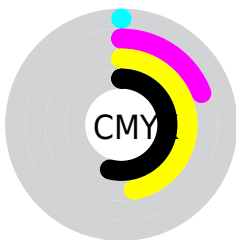
# Distribution



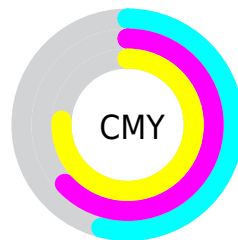
- Red (46%)
- Green (37%)
- Blue (24%)



- Red (39%)
- Yellow (46%)
- Blue (24%)



- Cyan (0%)
- Magenta (19%)
- Yellow (47%)
- Black (54%)



- Cyan (54%)
- Magenta (63%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 755F3E 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 755F3E by changing the saturation by 10% instead.



 755F3E

 755F3E

FFFFFF

 5C4728

 AA916E

 433112

 C6AC88

 2C1C00

 E3C7A2

 120300

 FFE3BD

 000000

 FFFFD9

 FFFFF5

 755F3E

 755F3E

 755A32

 75644A

■ 755627

■ 756855

■ 75511B

■ 756D61

■ 754C0F

■ 75726D

■ 754804

■ 757679

■ 754600

■ 757B84

■ 758090

■ 75849C

■ 7589A7

# Harmonies

## Analogous

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



825947



755F3E



63653F

# Triad

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



755F3E



246C6E



73597B

# Complementary

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



755F3E



3E5475

# 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.



5C6085



755F3E



266A7E

# Square

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



755F3E



376C5B



3F6687



83556A

# Rectangle

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



755F3E



556845



3F6687



6C5C7F



# Sweetspot

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



755F3E



999084



753E54



4D473F



CCCCCC



4D4D4D



# Same Dimension

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



755F3E



997743



70753E



3B3835



7A4900



FA9600



# Inverse Universe

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



3E5475



436699



433E75



35373B



00317A



0064FA



# Previews

## White Background



This preview shows how the Hex color 755F3E looks on a white background.

## Color Contrast Check

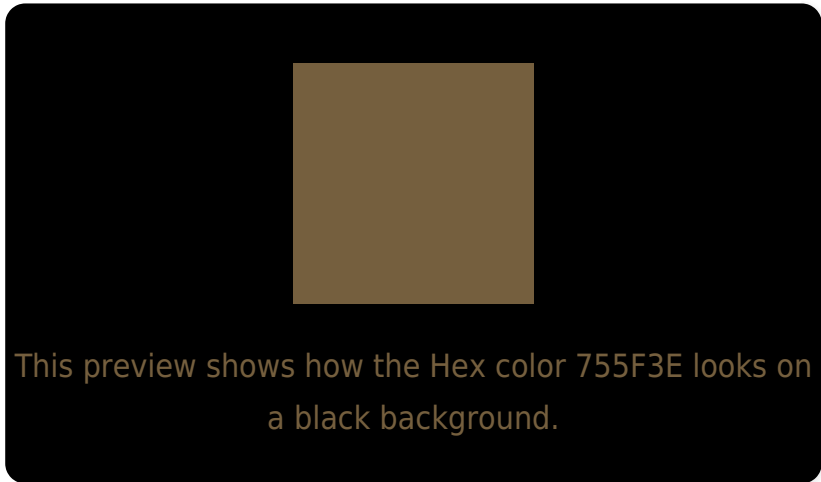
Large Text (above 18pt) WCAG AA ✓ Pass

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

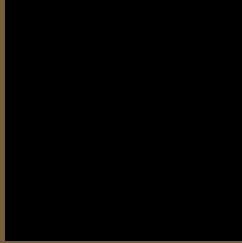
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 755F3E Background



This preview shows how black text looks on a background with the Hex color 755F3E.



This preview shows how white text looks on a background with the Hex color 755F3E.

# 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**  
755F3E

**Protanopia**  
6B633F

**Deuteranopia**  
775E3E



**Tritanopia**  
785B62

# Trichromacy



**Original Color**  
755F3E

**Protanomaly**  
6F623F

**Deuteranomaly**  
765E3E

**Tritanomaly**  
775C55

# Monochromacy



**Original Color**  
755F3E

**Achromatopsia**  
626262

**Achromatomaly**  
696155

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 755F3E 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 #755F3E looks like.

```
.text, #text, p{  
    color:#755F3E  
}
```

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 #755F3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #755F3E
}
```

## Border

The CSS property to change the border of an element to Hex 755F3E is called "border". The border property can be set on classes, ids or directly on the HTML element.

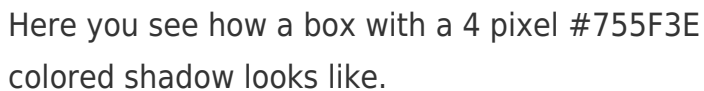
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#755F3E }
```

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

```
.border{ border-color:#755F3E }
```

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



Here you see how a box with a 4 pixel #755F3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #755F3E; -webkit-box-shadow:4px 4px  
4px 4px #755F3E; box-shadow:4px 4px 4px  
4px #755F3E }
```

# Background

The CSS property to change the background color of an element to Hex 755F3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#755F3E }
```

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

```
.background{ background-color:#755F3E }
```

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