

# Converting Colors

Hex(754F3B)

Have a look what the booklet for  
Hex(754F3B) contains.

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**Color**

**Hex(754F3B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	754F3B
RGB	117, 79, 59
RGB Percent	46%, 31%, 23%
CMY	0.5412, 0.6902, 0.7686
CMYK	0.00, 0.32, 0.50, 0.54
HSL	21°, 33%, 35%
HSV	21°, 50%, 46%
XYZ	10.9215, 9.6896, 5.4323
YIQ	88.0820, 29.0680, 1.8360

# Conversions

## Conversions Part 2

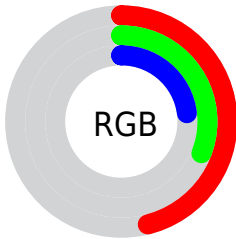
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 90, 59
Decimal	7687995
CIE Lab	37.28, 13.43, 18.23
CIE LCh	37, 22.645, 53.631
Yxy	9.6896, 0.4194, 0.3721
Android (android.graphics.Color)	4285878075 (0xFF754F3B)
YUV	88.0820, -14.3374, 25.3611
Hunter-Lab	31.1282, 8.1535, 11.4427

# Details

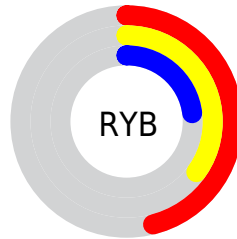
The Hex color **754F3B** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3B6175**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **AB806A**, and **422210** is the 20% darker color. If you saturate the color by 10%, you get **75472F**, and if you desaturate by 10%, it is **755747**.

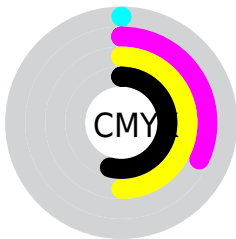
# Distribution



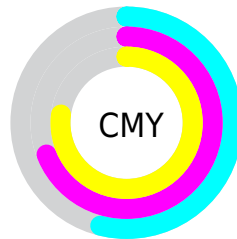
- Red (46%)
- Green (31%)
- Blue (23%)



- Red (46%)
- Yellow (35%)
- Blue (23%)



- Cyan (0%)
- Magenta (32%)
- Yellow (50%)
- Black (54%)



- Cyan (54%)
- Magenta (69%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 754F3B 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 754F3B by changing the saturation by 10% instead.



 754F3B

 754F3B

FFFFFF

 5B3825

 AB806A

 422210

 C79A84

 2B0E00

 E3B59E

 040000

 FFD1B9

 000000

 FFEDD5

 FFFFF1

 754F3B

 754F3B

 75472F

 755747

■ 754024

■ 755E52

■ 753818

■ 75665E

■ 75300C

■ 756E6A

■ 752901

■ 757576

■ 752800

■ 757D81

■ 75858D

■ 758C99

■ 7594A4

# Harmonies

## Analogous

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



7B4A4A



754F3B



675533

# Triad

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



754F3B



286153



545479

# Complementary

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



754F3B



3B6175

# 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.



375B7C



754F3B



126166

# Square

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



754F3B



405F41



195F75



6B4E6E

# Rectangle

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



754F3B



5C5934



195F75



4B577B



# Sweetspot

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



754F3B



998A82



753B62



4D433F



CCCCCC



4D4D4D



# Same Dimension

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



754F3B



995E3F



756B3B



3B3735



7A2A00



FA5600



# Inverse Universe

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



3B6175



3F7A99



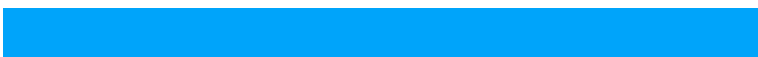
3B4575



35393B



00507A



00A4FA



# Previews

## White Background



This preview shows how the Hex color 754F3B looks on a white background.

## Color Contrast Check

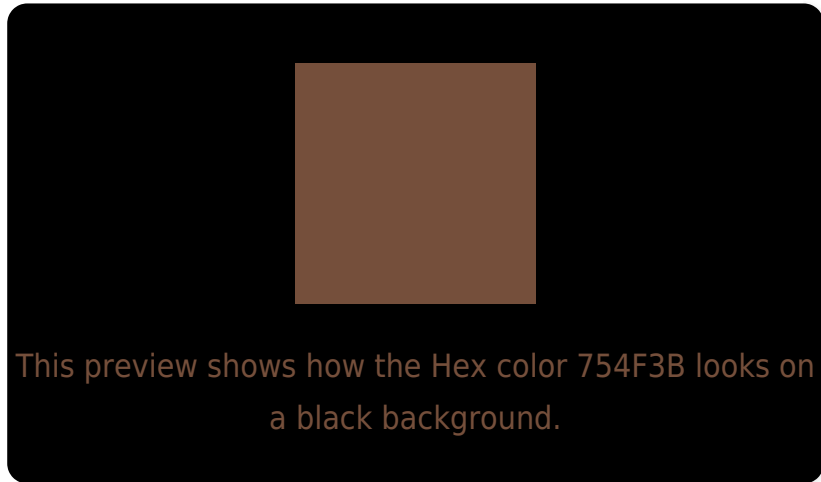
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

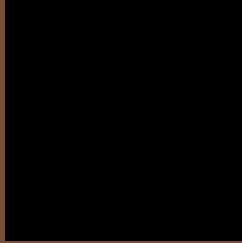
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 754F3B Background



This preview shows how black text looks on a background with the Hex color 754F3B.



This preview shows how white text looks on a background with the Hex color 754F3B.

# 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**  
754F3B

**Protanopia**  
5F583F

**Deuteranopia**  
6A543A



**Tritanopia**  
774C52

# Trichromacy



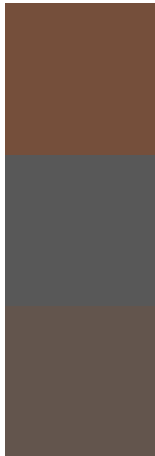
**Original Color**  
754F3B

**Protanomaly**  
67553E

**Deuteranomaly**  
6E523A

**Tritanomaly**  
764D4A

# Monochromacy



**Original Color**  
754F3B

**Achromatopsia**  
585858

**Achromatomaly**  
63554D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 754F3B 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 #754F3B looks like.

```
.text, #text, p{  
    color:#754F3B  
}
```

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 #754F3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #754F3B
}
```

## Border

The CSS property to change the border of an element to Hex 754F3B is called "border". The border property can be set on classes, ids or directly on the HTML element.

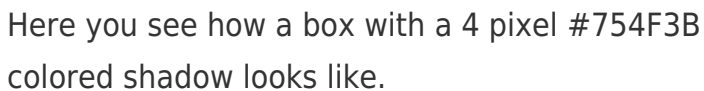
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#754F3B }
```

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

```
.border{ border-color:#754F3B }
```

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



Here you see how a box with a 4 pixel #754F3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #754F3B; -webkit-box-shadow:4px 4px  
4px 4px #754F3B; box-shadow:4px 4px 4px  
4px #754F3B }
```

# Background

The CSS property to change the background color of an element to Hex 754F3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#754F3B }
```

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

```
.background{ background-color:#754F3B }
```

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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