

# Converting Colors

Hex(755B4B)

Have a look what the booklet for  
Hex(755B4B) contains.

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**Color**

**Hex(755B4B)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>             |
|---------------|--------------------------|
| Hex           | 755B4B                   |
| RGB           | 117, 91, 75              |
| RGB Percent   | 46%, 36%, 29%            |
| CMY           | 0.5412, 0.6431, 0.7059   |
| CMYK          | 0.00, 0.22, 0.36, 0.54   |
| HSL           | 23°, 22%, 38%            |
| HSV           | 23°, 36%, 46%            |
| XYZ           | 12.3472, 11.7721, 8.2781 |
| YIQ           | 96.9500, 20.6320, 0.5360 |

# Conversions

## Conversions Part 2

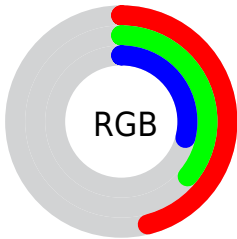
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 117, 101, 75                  |
| Decimal                             | 7691083                       |
| CIE <sub>Lab</sub>                  | 40.85, 8.18, 13.29            |
| CIE <sub>LCh</sub>                  | 41, 15.608, 58.397            |
| Yxy                                 | 11.7721, 0.3811,<br>0.3634    |
| Android<br>(android.graphics.Color) | 4285881163<br>(0xFF755B4B)    |
| YUV                                 | 96.9500, -10.8213,<br>17.5839 |
| Hunter-Lab                          | 34.3105, 4.1930,<br>9.7124    |

# Details

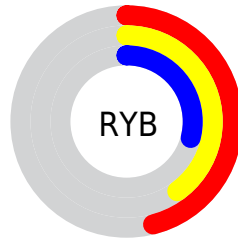
The Hex color **755B4B** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **4B6575**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **AA8D7C**, and **432D1F** is the 20% darker color. If you saturate the color by 10%, you get **75543F**, and if you desaturate by 10%, it is **756257**.

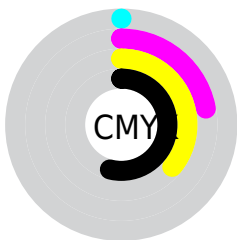
# Distribution



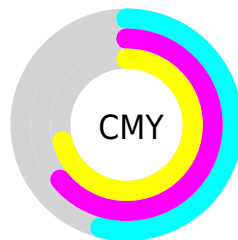
- Red (46%)
- Green (36%)
- Blue (29%)



- Red (46%)
- Yellow (40%)
- Blue (29%)



- Cyan (0%)
- Magenta (22%)
- Yellow (36%)
- Black (54%)



- Cyan (54%)
- Magenta (64%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 755B4B 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 755B4B by changing the saturation by 10% instead.



 755B4B

 755B4B

FFFFFF

 5C4434

 AA8D7C

 432D1F

 C6A896

 2D1808

 E2C3B0

 160000

 FFDFCC

 000000

 FFFBE8

 755B4B

 755B4B

 75543F

 756257

 754D34

 756962

 754528

 75716E

 753E1C

 75787A

 753711

 757F85

 753005

 758691

 752D00

 758E9D

 7595A9

 759CB4

# Harmonies

## Analogous

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



7A5855



755B4B



6B5F47

# Triad

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



755B4B



41685F



625D77

# Complementary

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



755B4B



4B6575

# 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.



50627A



755B4B



3C676C

# Square

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



755B4B



4E6653



416576



70596E

# Rectangle

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



755B4B



626248



416576



5C5F78



# Sweetspot

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



755B4B



998F88



754B66



4D4643



CCCCCC



4D4D4D



# Same Dimension

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



755B4B



997057



756F4B



3B3735



7A2F00



FA5F00



# Inverse Universe

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



4B6575



578099



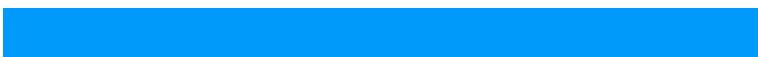
4B5175



35383B



004C7A

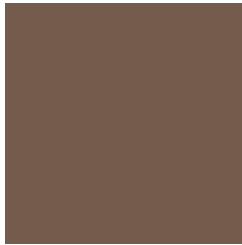


009BFA



# Previews

## White Background



This preview shows how the Hex color 755B4B looks on a white background.

## Color Contrast Check

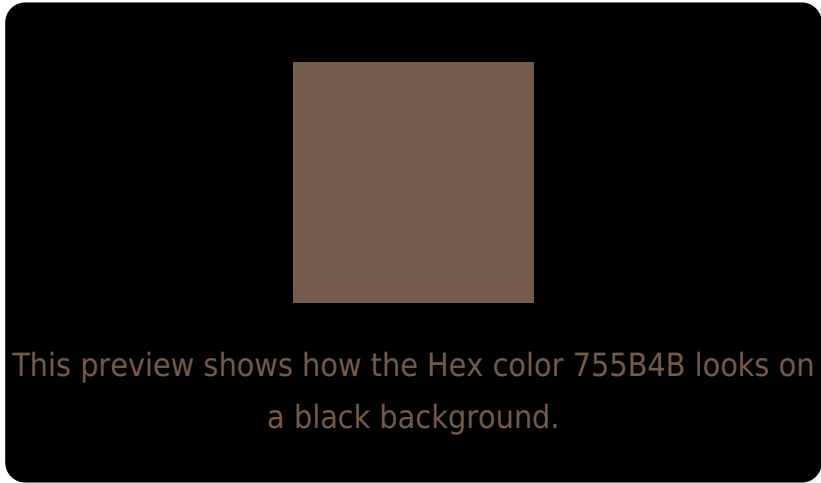
Large Text (above 18pt) WCAG AA ✓ Pass

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

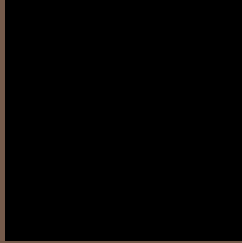
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 755B4B Background



This preview shows how black text looks on a background with the Hex color 755B4B.



This preview shows how white text looks on a background with the Hex color 755B4B.

# 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**  
755B4B

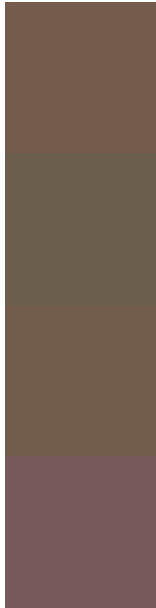
**Protanopia**  
66604D

**Deuteranopia**  
715D4B



**Tritanopia**  
77585F

# Trichromacy



**Original Color**  
755B4B

**Protanomaly**  
6B5E4C

**Deuteranomaly**  
725C4B

**Tritanomaly**  
765958

# Monochromacy



**Original Color**  
755B4B

**Achromatopsia**  
616161

**Achromatomaly**  
685F59

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 755B4B 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 #755B4B looks like.

```
.text, #text, p{  
    color:#755B4B  
}
```

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 #755B4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #755B4B
}
```

## Border

The CSS property to change the border of an element to Hex 755B4B is called "border". The border property can be set on classes, ids or directly on the HTML element.

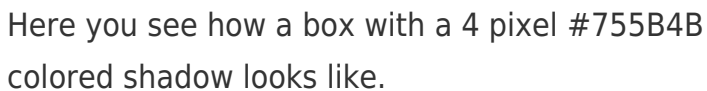
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#755B4B }
```

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

```
.border{ border-color:#755B4B }
```

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



Here you see how a box with a 4 pixel #755B4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #755B4B; -webkit-box-shadow:4px 4px  
4px 4px #755B4B; box-shadow:4px 4px 4px  
4px #755B4B }
```

# Background

The CSS property to change the background color of an element to Hex 755B4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#755B4B }
```

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

```
.background{ background-color:#755B4B }
```

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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