

Converting Colors

Hex(755E45)

Have a look what the booklet for
Hex(755E45) contains.

Hex(755E45)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(755E45)

Conversions

Conversions Part 1

Format	Color
Hex	755E45
RGB	117, 94, 69
RGB Percent	46%, 37%, 27%
CMY	0.5412, 0.6314, 0.7294
CMYK	0.00, 0.20, 0.41, 0.54
HSL	31°, 26%, 36%
HSV	31°, 41%, 46%
XYZ	12.4130, 12.2170, 7.3341
YIQ	98.0270, 21.7330, -2.8990

Conversions

Conversions Part 2

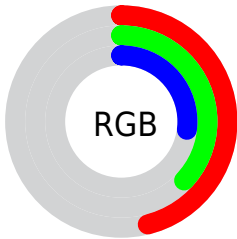
Format	Color
R_{YB}	113, 117, 69
Decimal	7691845
CIE Lab	41.56, 5.58, 17.86
CIE LCh	42, 18.715, 72.656
Yxy	12.2170, 0.3883, 0.3822
Android (android.graphics.Color)	4285881925 (0xFF755E45)
YUV	98.0270, -14.3103, 16.6393
Hunter-Lab	34.9528, 2.2244, 12.0262

Details

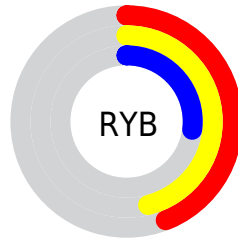
The Hex color **755E45** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **455C75**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **AA9075**, and **433019** is the 20% darker color. If you saturate the color by 10%, you get **755839**, and if you desaturate by 10%, it is **756451**.

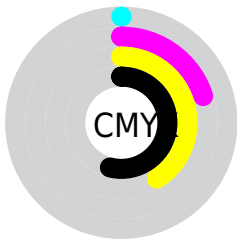
Distribution



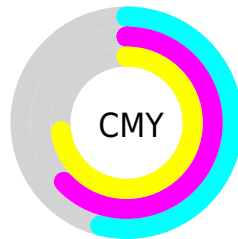
- Red (46%)
- Green (37%)
- Blue (27%)



- Red (44%)
- Yellow (46%)
- Blue (27%)



- Cyan (0%)
- Magenta (20%)
- Yellow (41%)
- Black (54%)



- Cyan (54%)
- Magenta (63%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 755E45 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 755E45 by changing the saturation by 10% instead.

 755E45

 755E45

FFFFFF

 5C462E

 AA9075

 433019

 C6AB8F

 2D1B00

 E2C6AA

 140100

 FFE2C5

 000000

 FFFFE1

FFFFFFE

 755E45

 755E45

 755839

 756451

■ 75532E

■ 75695C

■ 754D22

■ 756F68

■ 754816

■ 757474

■ 75420B

■ 757A80

■ 753D00

■ 75808B

■ 758597

■ 758BA3

■ 7590AE

Harmonies

Analogous

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



7F594E



755E45



666344

Triad

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



755E45



366B68



6C5C79

Complementary

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



755E45



455C75

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.



586180



755E45



346976

Square

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



755E45



446A58



42667F



7B586C

Rectangle

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



755E45



5B6648



42667F



665E7C

Sweetspot

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



755E45



999087



75455C



4D4742



CCCCCC



4D4D4D

Same Dimension

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



755E45



99754E



747545



3B3835



7A4000



FA8200

Inverse Universe

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



455C75



4E7299



464575



35383B



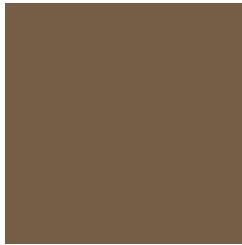
003B7A



0078FA

Previews

White Background



This preview shows how the Hex color 755E45 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

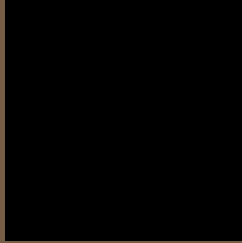
Any Text WCAG AA × Fail

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 755E45 Background



This preview shows how black text looks on a background with the Hex color 755E45.



This preview shows how white text looks on a background with the Hex color 755E45.

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
755E45

Protanopia
6A6247

Deuteranopia
755E45



Tritanopia
785A61

Trichromacy



Original Color
755E45

Protanomaly
6E6146

Deuteranomaly
755E45

Tritanomaly
775B57

Monochromacy



Original Color
755E45

Achromatopsia
626262

Achromatomaly
696157

CSS Examples

Text

The CSS property to change the color of the text to Hex 755E45 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 #755E45 looks like.

```
.text, #text, p{  
    color:#755E45  
}
```

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 #755E45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #755E45
}
```

Border

The CSS property to change the border of an element to Hex 755E45 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".

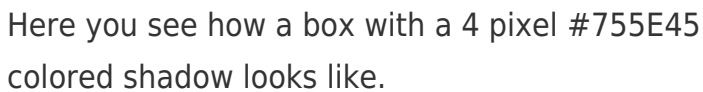
```
.border, #border, table{ border:4px solid
#755E45 }
```

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

```
.border{ border-color:#755E45 }
```

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

Here you see how a box with a 4 pixel #755E45 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #755E45; -webkit-box-shadow:4px 4px  
4px 4px #755E45; box-shadow:4px 4px 4px  
4px #755E45 }
```

Background

The CSS property to change the background color of an element to Hex 755E45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#755E45 }
```

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

```
.background{ background-color:#755E45 }
```

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