

# Converting Colors

Hex(745E44)

Have a look what the booklet for  
Hex(745E44) contains.

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**Color**

**Hex(745E44)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 745E44                    |
| RGB           | 116, 94, 68               |
| RGB Percent   | 45%, 37%, 27%             |
| CMY           | 0.5451, 0.6314, 0.7333    |
| CMYK          | 0.00, 0.19, 0.41, 0.55    |
| HSL           | 33°, 26%, 36%             |
| HSV           | 33°, 41%, 45%             |
| XYZ           | 12.2486, 12.1358, 7.1657  |
| YIQ           | 97.6140, 21.4580, -3.4220 |

# Conversions

## Conversions Part 2

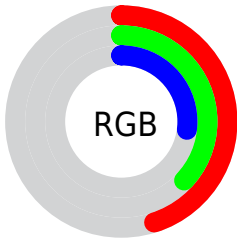
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 109, 116, 68                  |
| Decimal                             | 7626308                       |
| CIE <sub>Lab</sub>                  | 41.43, 5.00, 18.27            |
| CIE <sub>LCh</sub>                  | 41, 18.945, 74.681            |
| Yxy                                 | 12.1358, 0.3882,<br>0.3847    |
| Android<br>(android.graphics.Color) | 4285816388<br>(0xFF745E44)    |
| YUV                                 | 97.6140, -14.5997,<br>16.1245 |
| Hunter-Lab                          | 34.8364, 1.7972,<br>12.1898   |

# Details

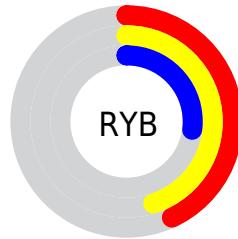
The Hex color **745E44** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **445A74**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **A99074**, and **423018** is the 20% darker color. If you saturate the color by 10%, you get **745938**, and if you desaturate by 10%, it is **746350**.

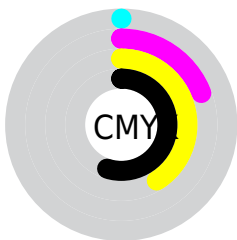
# Distribution



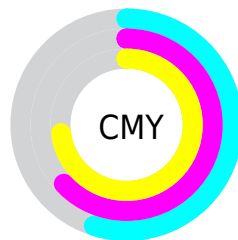
- Red (45%)
- Green (37%)
- Blue (27%)



- Red (43%)
- Yellow (45%)
- Blue (27%)



- Cyan (0%)
- Magenta (19%)
- Yellow (41%)
- Black (55%)



- Cyan (55%)
- Magenta (63%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 745E44 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 745E44 by changing the saturation by 10% instead.



 745E44

 745E44

FFFFFF

 5B462E

 A99074

 423018

 C5AB8E

 2C1B00

 E1C6A9

 130100

 FEE2C4

 000000

 FFFFEO

FFFFFFC

 745E44

 745E44

 745938

 746350

■ 74532D

■ 74695B

■ 744E21

■ 746E67

■ 744916

■ 747372

■ 74430A

■ 74797E

■ 743F00

■ 747E8A

■ 748395

■ 7489A1

■ 748EAC

# Harmonies

## Analogous

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



7E594D



745E44



656343

# Triad

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



745E44



346A69



6D5B78

# Complementary

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



745E44



445A74

# 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.



596180



745E44



336977

# Square

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



745E44



426A59



43667F



7C576A

# Rectangle

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



745E44



5A6648



43667F



675D7B



# Sweetspot

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



745E44



968E84



74445A



4D4842



CCCCCC



4D4D4D



# Same Dimension

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



745E44



96744B



727444



3B3835



7A4200



FA8700



# Inverse Universe

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



445A74



4B6E96



464474



35373B



00387A

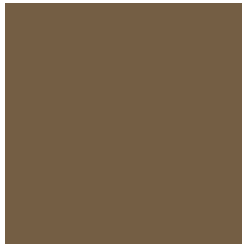


0073FA



# Previews

## White Background



This preview shows how the Hex color 745E44 looks on a white background.

## Color Contrast Check

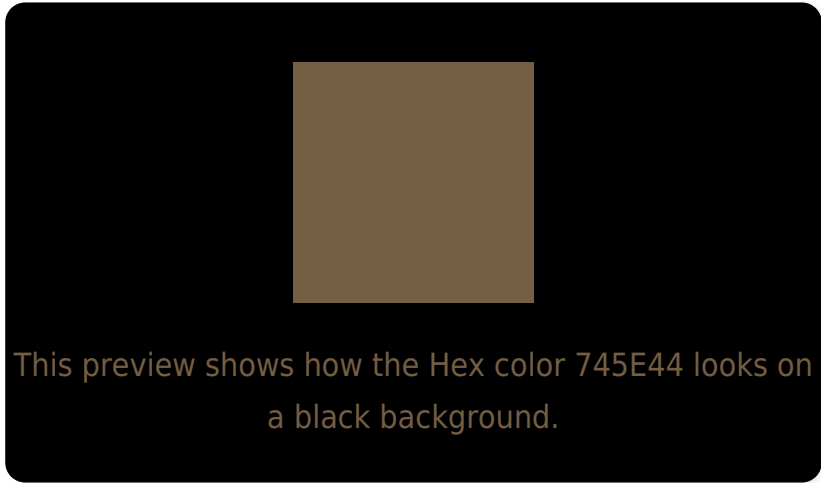
Large Text (above 18pt) WCAG AA ✓ Pass

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 745E44 Background



This preview shows how black text looks on a background with the Hex color 745E44.



This preview shows how white text looks on a background with the Hex color 745E44.

# 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**  
745E44

**Protanopia**  
696246

**Deuteranopia**  
755E44



**Tritanopia**  
775A61

# Trichromacy



**Original Color**  
745E44

**Protanomaly**  
6D6145

**Deuteranomaly**  
755E44

**Tritanomaly**  
765B56

# Monochromacy



**Original Color**  
745E44

**Achromatopsia**  
626262

**Achromatomaly**  
696157

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 745E44 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 #745E44 looks like.

```
.text, #text, p{  
    color:#745E44  
}
```

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 #745E44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #745E44  
}
```

## Border

The CSS property to change the border of an element to Hex 745E44 is called "border". The border property can be set on classes, ids or directly on the HTML element.

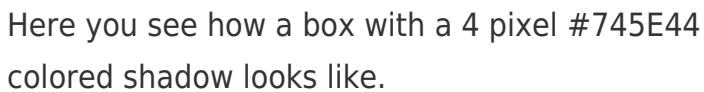
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#745E44 }
```

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

```
.border{ border-color:#745E44 }
```

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



Here you see how a box with a 4 pixel #745E44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #745E44; -webkit-box-shadow:4px 4px  
4px 4px #745E44; box-shadow:4px 4px 4px  
4px #745E44 }
```

# Background

The CSS property to change the background color of an element to Hex 745E44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#745E44 }
```

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

```
.background{ background-color:#745E44 }
```

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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