

# Converting Colors

Hex(745C47)

Have a look what the booklet for  
Hex(745C47) contains.

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**Color**

**Hex(745C47)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	745C47
RGB	116, 92, 71
RGB Percent	45%, 36%, 28%
CMY	0.5451, 0.6392, 0.7216
CMYK	0.00, 0.21, 0.39, 0.55
HSL	28°, 24%, 37%
HSV	28°, 39%, 45%
XYZ	12.1669, 11.8222, 7.6019
YIQ	96.7820, 21.0450, -1.4430

# Conversions

## Conversions Part 2

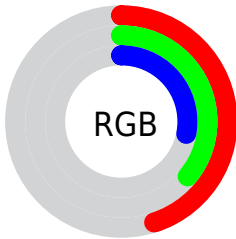
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 110, 71
Decimal	7625799
CIE <sub>Lab</sub>	40.93, 6.59, 15.81
CIE <sub>LCh</sub>	41, 17.125, 67.356
Yxy	11.8222, 0.3851, 0.3742
Android (android.graphics.Color)	4285815879 (0xFF745C47)
YUV	96.7820, -12.7105, 16.8542
Hunter-Lab	34.3835, 2.9930, 10.9599

# Details

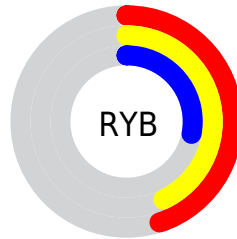
The Hex color **745C47** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **475F74**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **A98E78**, and **422E1B** is the 20% darker color. If you saturate the color by 10%, you get **74563B**, and if you desaturate by 10%, it is **746253**.

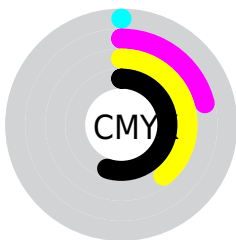
# Distribution



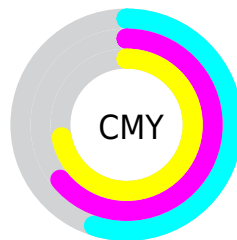
- Red (45%)
- Green (36%)
- Blue (28%)



- Red (45%)
- Yellow (43%)
- Blue (28%)



- Cyan (0%)
- Magenta (21%)
- Yellow (39%)
- Black (55%)



- Cyan (55%)
- Magenta (64%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 745C47 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 745C47 by changing the saturation by 10% instead.



 745C47

 745C47

FFFFFF

 5B4430

 A98E78

 422E1B

 C5A991

 2C1902

 E1C4AC

 140000

 FEE0C7

 000000

 FFFCE3

 745C47

 745C47

 74563B

 746253

 745030

 74685E

■ 744924

■ 746F6A

■ 744319

■ 747575

■ 743D0D

■ 747B81

■ 743701

■ 74818D

■ 743600

■ 748798

■ 748DA4

■ 7494AF

# Harmonies

## Analogous

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



7C5850



745C47



676145

# Triad

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



745C47



3B6864



675C77

# Complementary

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



745C47



475F74

# 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.



54617C



745C47



376871

# Square

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



745C47



486755



41657A



75586C

# Rectangle

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



745C47



5D6447



41657A



615D79



# Sweetspot

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



745C47



968D84



74475F



4D4742



CCCCCC



4D4D4D



# Same Dimension

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



745C47



967150



747347



3B3835



7A3900



FA7500



# Inverse Universe

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



475F74



507596



474974



35383B



00417A

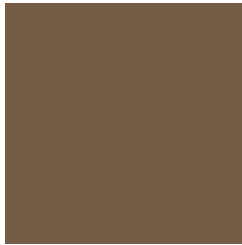


0085FA



# Previews

## White Background



This preview shows how the Hex color 745C47 looks on a white background.

## Color Contrast Check

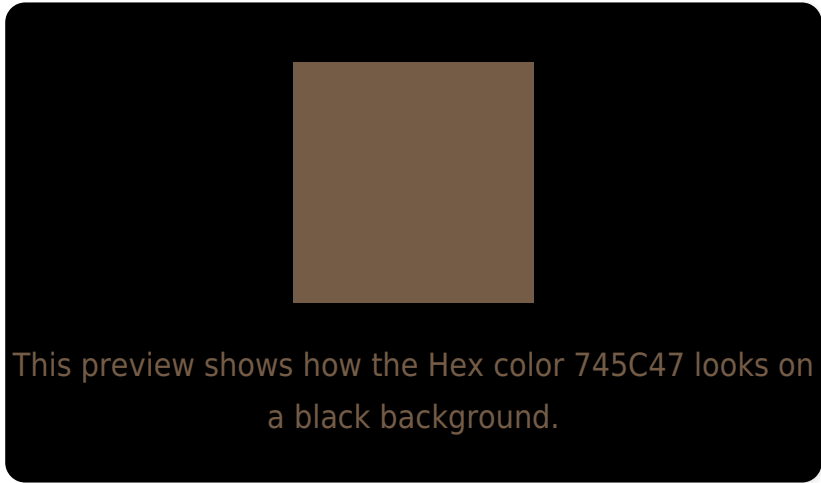
Large Text (above 18pt) WCAG AA ✓ Pass

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

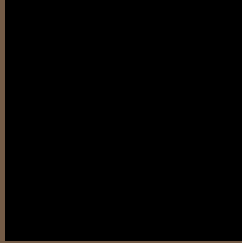
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 745C47 Background



This preview shows how black text looks on a background with the Hex color 745C47.



This preview shows how white text looks on a background with the Hex color 745C47.

# 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**  
745C47

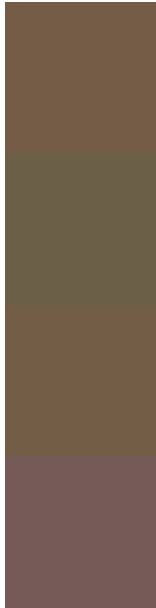
**Protanopia**  
676149

**Deuteranopia**  
725D47



**Tritanopia**  
765960

# Trichromacy



**Original Color**  
745C47

**Protanomaly**  
6C5F48

**Deuteranomaly**  
735D47

**Tritanomaly**  
755A57

# Monochromacy



**Original Color**  
745C47

**Achromatopsia**  
616161

**Achromatomaly**  
685F58

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 745C47 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 #745C47 looks like.

```
.text, #text, p{  
    color:#745C47  
}
```

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 #745C47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #745C47  
}
```

## Border

The CSS property to change the border of an element to Hex 745C47 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".

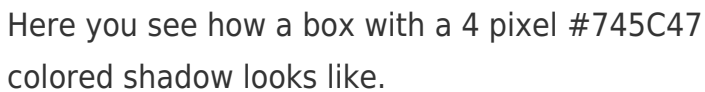
```
.border, #border, table{ border:4px solid  
#745C47 }
```

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

```
.border{ border-color:#745C47 }
```

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

Here you see how a box with a 4 pixel #745C47 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #745C47; -webkit-box-shadow:4px 4px  
4px 4px #745C47; box-shadow:4px 4px 4px  
4px #745C47 }
```

# Background

The CSS property to change the background color of an element to Hex 745C47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#745C47 }
```

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

```
.background{ background-color:#745C47 }
```

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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