

Converting Colors

Hex(745D47)

Have a look what the booklet for
Hex(745D47) contains.

Hex(745D47)	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(745D47)

Conversions

Conversions Part 1

Format	Color
Hex	745D47
RGB	116, 93, 71
RGB Percent	45%, 36%, 28%
CMY	0.5451, 0.6353, 0.7216
CMYK	0.00, 0.20, 0.39, 0.55
HSL	29°, 24%, 37%
HSV	29°, 39%, 45%
XYZ	12.2541, 11.9966, 7.6310
YIQ	97.3690, 20.7700, -1.9660

Conversions

Conversions Part 2

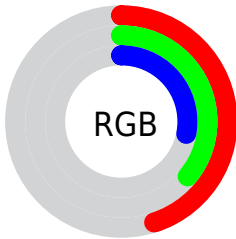
Format	Color
RYB	116, 114, 71
Decimal	7626055
CIELab	41.21, 5.99, 16.18
CIElCh	41, 17.255, 69.676
Yxy	11.9966, 0.3844, 0.3763
Android (android.graphics.Color)	4285816135 (0xFF745D47)
YUV	97.3690, -12.9999, 16.3394
Hunter-Lab	34.6362, 2.5393, 11.1827

Details

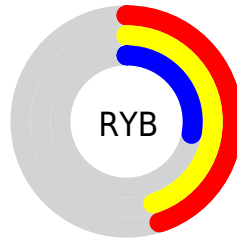
The Hex color **745D47** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **475E74**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **A98F78**, and **422F1B** is the 20% darker color. If you saturate the color by 10%, you get **74573B**, and if you desaturate by 10%, it is **746353**.

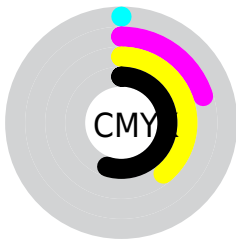
Distribution



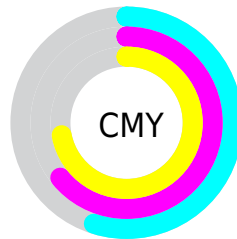
- Red (45%)
- Green (36%)
- Blue (28%)



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



- Cyan (0%)
- Magenta (20%)
- Yellow (39%)
- Black (55%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 745D47 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 745D47 by changing the saturation by 10% instead.

 745D47

 745D47

FFFFFF

 5B4530

 A98F78

 422F1B

 C5AA91

 2C1A02

 E1C5AC

 140000

 FEE1C7

 000000

 FFFEE3

 745D47

 745D47

 74573B

 746353

 745130

 74695E

■ 744B24

■ 746F6A

■ 744519

■ 747575

■ 743F0D

■ 747B81

■ 743901

■ 74818D

■ 743900

■ 748798

■ 748CA4

■ 7492AF

Harmonies

Analogous

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



7C5950



745D47



676245

Triad

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



745D47



3A6965



695C77

Complementary

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



745D47



475E74

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.



56617D



745D47



386873

Square

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



745D47



476857



43657B



77586B

Rectangle

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



745D47



5D6548



43657B



635E7A

Sweetspot

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



745D47



968D84



74475E



4D4742



CCCCCC



4D4D4D

Same Dimension

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



745D47



967250



747347



3B3835



7A3C00



FA7A00

Inverse Universe

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



475E74



507496



474874



35383B



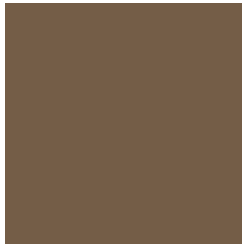
003F7A



0080FA

Previews

White Background



This preview shows how the Hex color 745D47 looks on a white background.

Color Contrast Check

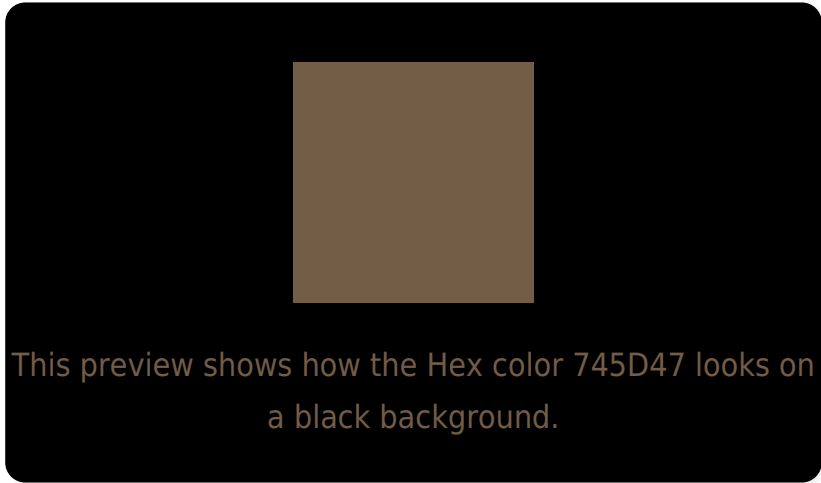
Large Text (above 18pt) WCAG AA ✓ Pass

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

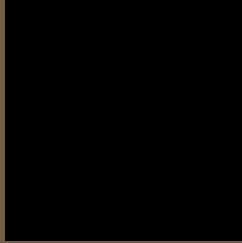
Any Text WCAG AA × Fail

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 745D47 Background



This preview shows how black text looks on a background with the Hex color 745D47.



This preview shows how white text looks on a background with the Hex color 745D47.

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
745D47

Protanopia
686149

Deuteranopia
735D47



Tritanopia
775A60

Trichromacy



Original Color
745D47

Protanomaly
6C6048

Deuteranomaly
735D47

Tritanomaly
765B57

Monochromacy



Original Color
745D47

Achromatopsia
616161

Achromatomaly
686058

CSS Examples

Text

The CSS property to change the color of the text to Hex 745D47 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 #745D47 looks like.

```
.text, #text, p{  
    color:#745D47  
}
```

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 #745D47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #745D47
}
```

Border

The CSS property to change the border of an element to Hex 745D47 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
#745D47 }
```

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

```
.border{ border-color:#745D47 }
```

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

Here you see how a box with a 4 pixel #745D47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #745D47; -webkit-box-shadow:4px 4px  
4px 4px #745D47; box-shadow:4px 4px 4px  
4px #745D47 }
```

Background

The CSS property to change the background color of an element to Hex 745D47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#745D47 }
```

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

```
.background{ background-color:#745D47 }
```

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