

# Converting Colors

Hex(744F47)

Have a look what the booklet for  
Hex(744F47) contains.

<b>Hex(744F47)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(744F47)**

# Conversions

## Conversions Part 1

Format	Color
Hex	744F47
RGB	116, 79, 71
RGB Percent	45%, 31%, 28%
CMY	0.5451, 0.6902, 0.7216
CMYK	0.00, 0.32, 0.39, 0.55
HSL	11°, 24%, 37%
HSV	11°, 39%, 45%
XYZ	11.1358, 9.7599, 7.2582
YIQ	89.1510, 24.6200, 5.3560

# Conversions

## Conversions Part 2

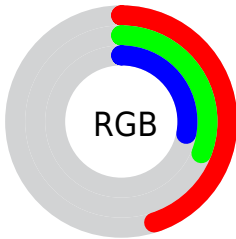
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 81, 71
Decimal	7622471
CIE <sub>Lab</sub>	37.41, 14.45, 10.99
CIE <sub>LCh</sub>	37, 18.157, 37.246
Yxy	9.7599, 0.3955, 0.3467
Android (android.graphics.Color)	4285812551 (0xFF744F47)
YUV	89.1510, -8.9484, 23.5466
Hunter-Lab	31.2408, 8.9547, 8.0938

# Details

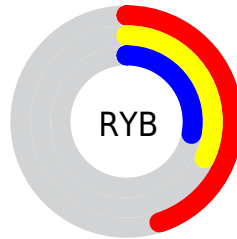
The Hex color **744F47** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **476C74**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **A98077**, and **42221C** is the 20% darker color. If you saturate the color by 10%, you get **74453B**, and if you desaturate by 10%, it is **745953**.

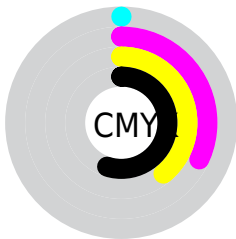
# Distribution



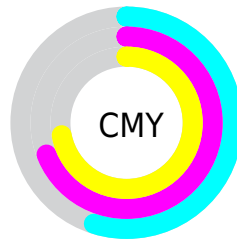
- Red (45%)
- Green (31%)
- Blue (28%)



- Red (45%)
- Yellow (32%)
- Blue (28%)



- Cyan (0%)
- Magenta (32%)
- Yellow (39%)
- Black (55%)



- Cyan (55%)
- Magenta (69%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 744F47 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 744F47 by changing the saturation by 10% instead.



 744F47

 744F47

FFFFFF

 5B3831

 A98077

 42221C

 C59A91

 2B0D01

 E1B5AC

 090000

 FED1C7

 000000

 FFEDE3

 744F47

 744F47

 74453B

 745953

 743C30

 74625E

■ 743224

■ 746C6A

■ 742919

■ 747575

■ 741F0D

■ 747F81

■ 741601

■ 74888D

■ 741500

■ 749298

■ 749BA4

■ 74A5AF

# Harmonies

## Analogous

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



754D55



744F47



6C533D

# Triad

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



744F47



3E5F4C



4A5875

# Complementary

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



744F47



476C74

# 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.



365D73



744F47



2F605B

# Square

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



744F47



4F5C40



2A5F69



5F536F

# Rectangle

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



744F47



64573B



2A5F69



435A75



# Sweetspot

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



744F47



968884



74476D



4D4442



CCCCCC



4D4D4D



# Same Dimension

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



744F47



965C50



746547



3B3635



7A1600



FA2C00



# Inverse Universe

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



476C74



508A96



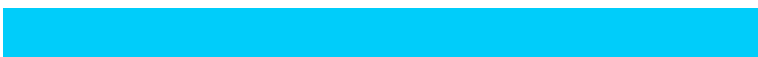
475674



353A3B



00657A



00CDFA



# Previews

## White Background



This preview shows how the Hex color 744F47 looks on a white background.

## Color Contrast Check

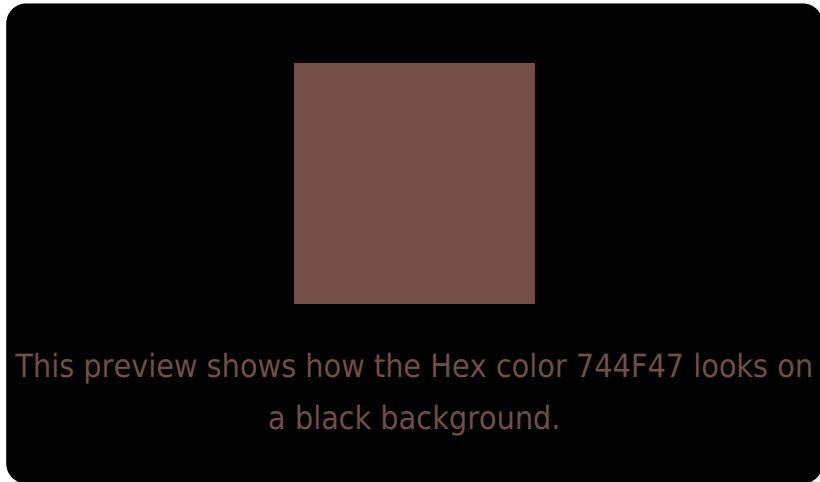
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

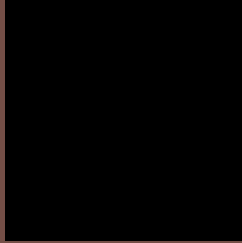
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 744F47 Background



This preview shows how black text looks on a background with the Hex color 744F47.



This preview shows how white text looks on a background with the Hex color 744F47.

# 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**  
744F47

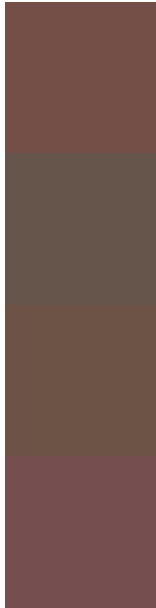
**Protanopia**  
5D584B

**Deuteranopia**  
675546



**Tritanopia**  
754D53

# Trichromacy



**Original Color**  
744F47

**Protanomaly**  
65554A

**Deuteranomaly**  
6C5346

**Tritanomaly**  
754E4F

# Monochromacy



**Original Color**  
744F47

**Achromatopsia**  
595959

**Achromatomaly**  
635552

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 744F47 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 #744F47 looks like.

```
.text, #text, p{  
    color:#744F47  
}
```

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 #744F47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #744F47
}
```

## Border

The CSS property to change the border of an element to Hex 744F47 is called "border". The border property can be set on classes, ids or directly on the HTML element.

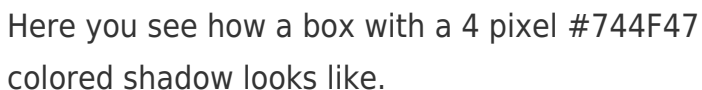
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#744F47 }
```

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

```
.border{ border-color:#744F47 }
```

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



Here you see how a box with a 4 pixel `#744F47` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #744F47; -webkit-box-shadow:4px 4px  
4px 4px #744F47; box-shadow:4px 4px 4px  
4px #744F47 }
```

# Background

The CSS property to change the background color of an element to Hex 744F47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#744F47 }
```

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

```
.background{ background-color:#744F47 }
```

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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