

# Converting Colors

Hex(74573C)

Have a look what the booklet for  
Hex(74573C) contains.

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**Color**

**Hex(74573C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	74573C
RGB	116, 87, 60
RGB Percent	45%, 34%, 24%
CMY	0.5451, 0.6588, 0.7647
CMYK	0.00, 0.25, 0.48, 0.55
HSL	29°, 32%, 35%
HSV	29°, 48%, 45%
XYZ	11.4263, 10.8556, 5.7681
YIQ	92.5930, 25.9510, -2.2490

# Conversions

## Conversions Part 2

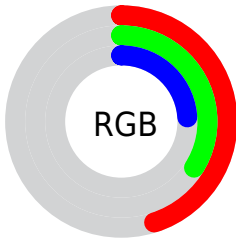
<b>Format</b>	<b>Color</b>
<b>RYB</b>	116, 112, 60
Decimal	7624508
CIELab	39.34, 8.25, 20.29
CIElCh	39, 21.907, 67.873
Yxy	10.8556, 0.4074, 0.3870
Android (android.graphics.Color)	4285814588 (0xFF74573C)
YUV	92.5930, -16.0683, 20.5279
Hunter-Lab	32.9479, 4.2446, 12.6838

# Details

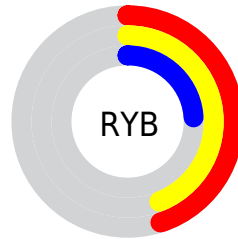
The Hex color **74573C** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3C5974**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **A9896C**, and **422A11** is the 20% darker color. If you saturate the color by 10%, you get **745130**, and if you desaturate by 10%, it is **745D48**.

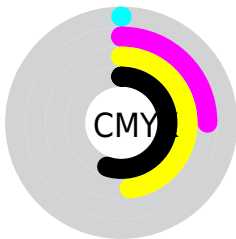
# Distribution



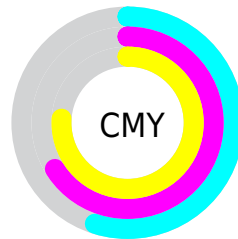
- Red (45%)
- Green (34%)
- Blue (24%)



- Red (45%)
- Yellow (44%)
- Blue (24%)



- Cyan (0%)
- Magenta (25%)
- Yellow (48%)
- Black (55%)



- Cyan (55%)
- Magenta (66%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74573C 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 74573C by changing the saturation by 10% instead.



 74573C

 74573C

FFFFFF

 5A4026

 A9896C

 422A11

 C5A385

 2B1500

 E2BE9F

 0E0000

 FFDABA

 000000

 FFF6D6

 FFFFF3

 74573C

 74573C

 745130

 745D48

■ 744B25

■ 746353

■ 744519

■ 74695F

■ 743F0E

■ 746F6A

■ 743902

■ 747576

■ 743800

■ 747B82

■ 74818D

■ 748799

■ 748DA4

# Harmonies

## Analogous

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



7E5248



74573C



645D39

# Triad

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



74573C



266661



655679

# Complementary

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



74573C



3C5974

# 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.



4B5D80



74573C



1D6572

# Square

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



74573C



3B654F



2F627D



77516A

# Rectangle

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



74573C



57613D



2F627D



5D597C



# Sweetspot

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



74573C



968C81



743C5A



4D463F



CCCCCC



4D4D4D



# Same Dimension

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



74573C



96693F



74723C



3B3835



7A3B00



FA7800



# Inverse Universe

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



3C5974



3F6C96



3C3E74



35383B



003F7A

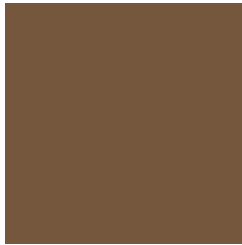


0081FA



# Previews

## White Background



This preview shows how the Hex color 74573C looks on a white background.

## Color Contrast Check

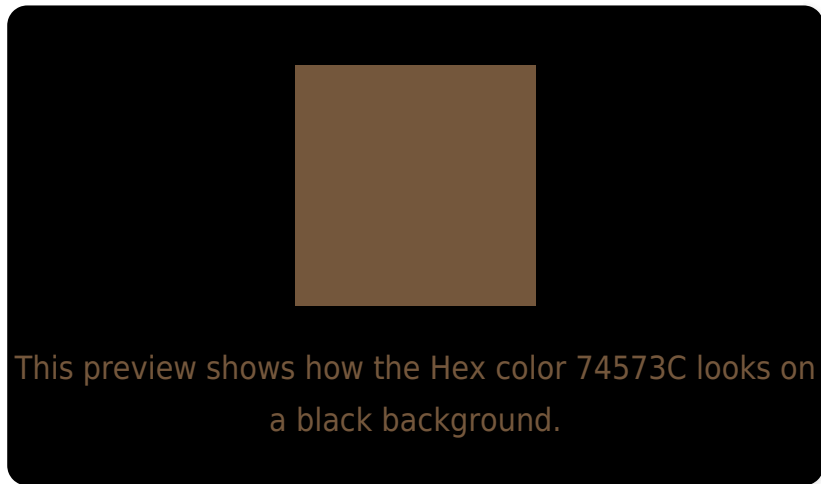
Large Text (above 18pt) WCAG AA ✓ Pass

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

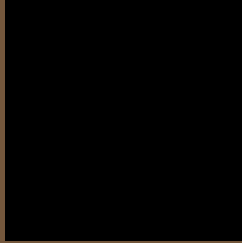
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 74573C Background



This preview shows how black text looks on a background with the Hex color 74573C.

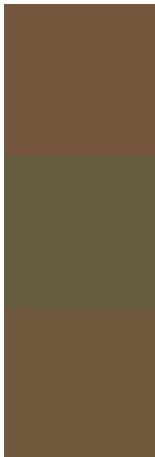


This preview shows how white text looks on a background with the Hex color 74573C.

# 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**  
74573C

**Protanopia**  
655D3E

**Deuteranopia**  
70593C



**Tritanopia**  
77535A

# Trichromacy



**Original Color**  
74573C

**Protanomaly**  
6A5B3D

**Deuteranomaly**  
71583C

**Tritanomaly**  
76544F

# Monochromacy



**Original Color**  
74573C

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
655B51

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74573C 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 #74573C looks like.

```
.text, #text, p{  
    color:#74573C  
}
```

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 #74573C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74573C
}
```

## Border

The CSS property to change the border of an element to Hex 74573C is called "border". The border property can be set on classes, ids or directly on the HTML element.

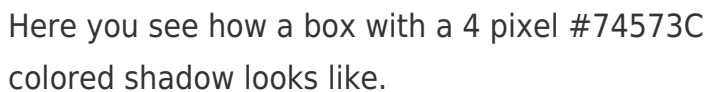
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#74573C }
```

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

```
.border{ border-color:#74573C }
```

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



Here you see how a box with a 4 pixel #74573C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74573C; -webkit-box-shadow:4px 4px  
4px 4px #74573C; box-shadow:4px 4px 4px  
4px #74573C }
```

# Background

The CSS property to change the background color of an element to Hex 74573C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74573C }
```

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

```
.background{ background-color:#74573C }
```

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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