

# Converting Colors

Hex(74643A)

Have a look what the booklet for  
Hex(74643A) contains.

<b>Hex(74643A)</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(74643A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	74643A
RGB	116, 100, 58
RGB Percent	45%, 39%, 23%
CMY	0.5451, 0.6078, 0.7725
CMYK	0.00, 0.14, 0.50, 0.55
HSL	43°, 33%, 34%
HSV	43°, 50%, 45%
XYZ	12.5234, 13.1328, 5.8778
YIQ	99.9960, 23.0180, -9.6700

# Conversions

## Conversions Part 2

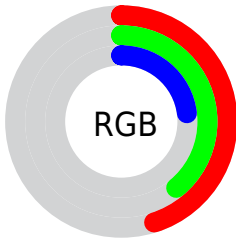
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	80, 116, 58
Decimal	7627834
CIE <sub>Lab</sub>	42.96, 0.28, 26.07
CIE <sub>LCh</sub>	43, 26.074, 89.389
Yxy	13.1328, 0.3971, 0.4165
Android (android.graphics.Color)	4285817914 (0xFF74643A)
YUV	99.9960, -20.7040, 14.0355
Hunter-Lab	36.2393, -1.7337, 15.7509

# Details

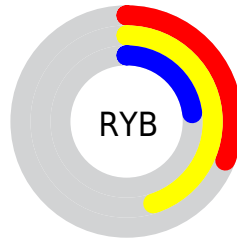
The Hex color **74643A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3A4A74**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **A9976A**, and **42360E** is the 20% darker color. If you saturate the color by 10%, you get **74612E**, and if you desaturate by 10%, it is **746746**.

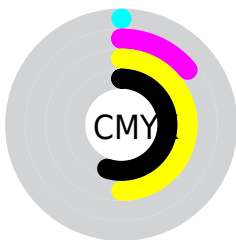
# Distribution



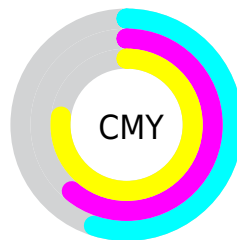
- Red (45%)
- Green (39%)
- Blue (23%)



- Red (31%)
- Yellow (45%)
- Blue (23%)



- Cyan (0%)
- Magenta (14%)
- Yellow (50%)
- Black (55%)



- Cyan (55%)
- Magenta (61%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74643A 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 74643A by changing the saturation by 10% instead.



 74643A

 74643A

FFFFFF

 5B4C24

 A9976A

 42360E

 C5B183

 2B2000

 E2CD9E

 100A00

 FFE9B9

 000000

 FFFFD5

 FFFFF1

 74643A

 74643A

 74612E

 746746

■ 745E23

■ 746A51

■ 745A17

■ 746E5D

■ 74570C

■ 747168

■ 745400

■ 747474

■ 747780

■ 747A8B

■ 747E97

■ 7481A2

# Harmonies

## Analogous

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



855D41



74643A



5E6A3F

# Triad

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



74643A



06707A



80597C

# Complementary

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



74643A



3A4A74

# 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.



67608B



74643A



1E6D8A

# Square

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



74643A



267164



456890



8E5567

# Rectangle

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



74643A



4D6E49



456890



795B82



# Sweetspot

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



74643A



969080



743A4A



4D493F



CCCCCC



4D4D4D



# Same Dimension

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



74643A



967E3C



67743A



3B3935



7A5900



FAB500



# Inverse Universe

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



3A4A74



3C5596



473A74



35363B



00227A



0045FA



# Previews

## White Background



This preview shows how the Hex color 74643A looks on a white background.

## Color Contrast Check

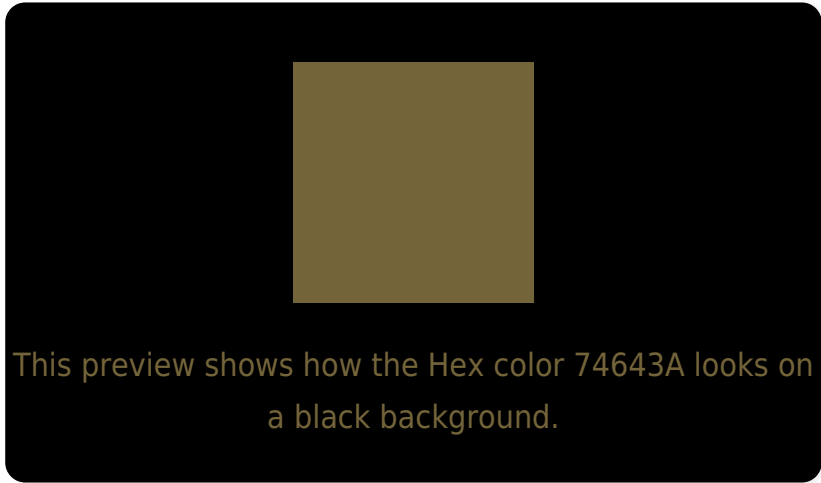
Large Text (above 18pt) WCAG AA ✓ Pass

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

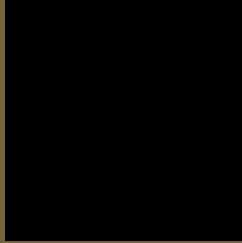
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 74643A Background



This preview shows how black text looks on a background with the Hex color 74643A.

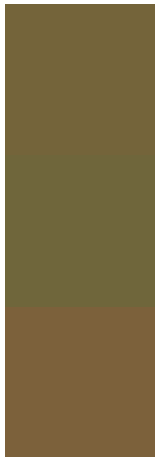


This preview shows how white text looks on a background with the Hex color 74643A.

# 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**  
74643A

**Protanopia**  
6F663B

**Deuteranopia**  
7C613B



**Tritanopia**  
785F66

# Trichromacy



**Original Color**  
74643A

**Protanomaly**  
71653B

**Deuteranomaly**  
79623B

**Tritanomaly**  
776156

# Monochromacy



**Original Color**  
74643A

**Achromatopsia**  
646464

**Achromatomaly**  
6A6455

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74643A 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 #74643A looks like.

```
.text, #text, p{  
    color:#74643A  
}
```

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 #74643A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74643A
}
```

## Border

The CSS property to change the border of an element to Hex 74643A 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
#74643A }
```

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

```
.border{ border-color:#74643A }
```

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

Here you see how a box with a 4 pixel #74643A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74643A; -webkit-box-shadow:4px 4px  
4px 4px #74643A; box-shadow:4px 4px 4px  
4px #74643A }
```

# Background

The CSS property to change the background color of an element to Hex 74643A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74643A }
```

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

```
.background{ background-color:#74643A }
```

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