

# Converting Colors

Hex(76403A)

Have a look what the booklet for  
Hex(76403A) contains.

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**Color**

**Hex(76403A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	76403A
RGB	118, 64, 58
RGB Percent	46%, 25%, 23%
CMY	0.5373, 0.7490, 0.7725
CMYK	0.00, 0.46, 0.51, 0.54
HSL	6°, 34%, 35%
HSV	6°, 51%, 46%
XYZ	10.0683, 7.8238, 4.9825
YIQ	79.4620, 34.1100, 9.5820

# Conversions

## Conversions Part 2

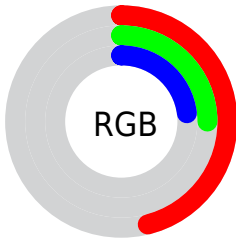
Format	Color
R <sub>Y</sub> B	118, 65, 58
Decimal	7749690
CIE Lab	33.61, 22.73, 14.00
CIE LCh	34, 26.697, 31.639
Yxy	7.8238, 0.4402, 0.3420
Android (android.graphics.Color)	4285939770 (0xFF76403A)
YUV	79.4620, -10.5808, 33.7978
Hunter-Lab	27.9711, 15.3024, 9.0185

# Details

The Hex color **76403A** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3A7076**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **AD7169**, and **421310** is the 20% darker color. If you saturate the color by 10%, you get **76352E**, and if you desaturate by 10%, it is **764B46**.

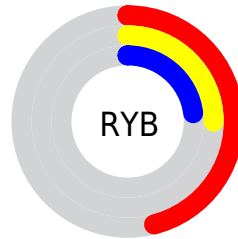
# Distribution



Red (46%)

Green (25%)

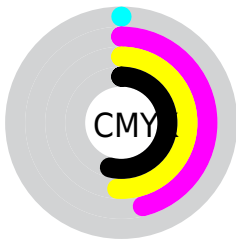
Blue (23%)



Red (46%)

Yellow (25%)

Blue (23%)

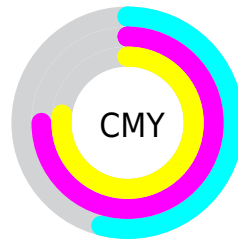


Cyan (0%)

Magenta (46%)

Yellow (51%)

Black (54%)



Cyan (54%)

Magenta (75%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76403A 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 76403A by changing the saturation by 10% instead.



 76403A

 76403A

FFFFFF

 5C2924

 AD7169

 421310

 C98A82

 2B0000

 E6A59C

 000000

 FFC0B7

 FFD0D3

 FFF9EF

 76403A

 76403A

 76352E

 764B46

■ 762B22

■ 765552

■ 762017

■ 76605D

■ 76160B

■ 766A69

■ 760C00

■ 767575

■ 768081

■ 768A8D

■ 769598

■ 76A0A4

# Harmonies

## Analogous

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



763E4F



76403A



6C472A

# Triad

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



76403A



2A583A



2E5179

# Complementary

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



76403A



3A7076

# 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.



005674



76403A



005A50

# Square

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



76403A



45542A



005965



524973

# Rectangle

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



76403A



614C25



005965



1D5379



# Sweetspot

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



76403A



998482



763A70



4D403F



CCCCCC



4D4D4D



# Same Dimension

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



76403A



99453C



765E3A



3B3535



7A0C00



FA1900



# Inverse Universe

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



3A7076



3C9099



3A5276



353A3B



006E7A



00E1FA



# Previews

## White Background



This preview shows how the Hex color 76403A looks on a white background.

## Color Contrast Check

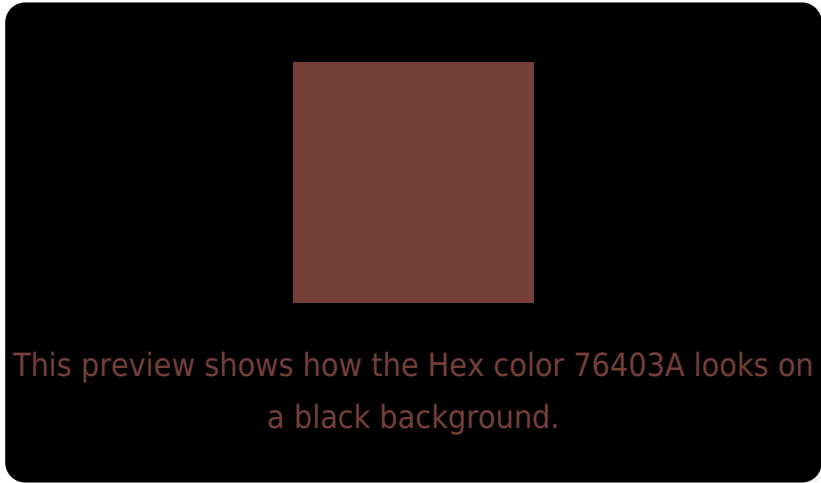
Large Text (above 18pt) WCAG AA ✓ Pass

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 76403A Background



This preview shows how black text looks on a background with the Hex color 76403A.

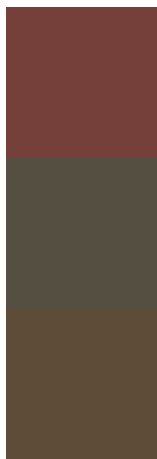


This preview shows how white text looks on a background with the Hex color 76403A.

# 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**  
76403A

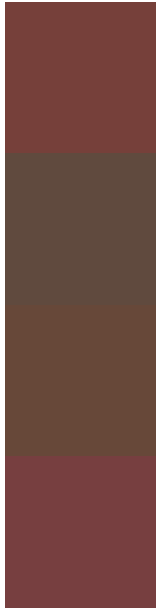
**Protanopia**  
544F41

**Deuteranopia**  
5F4C38



**Tritanopia**  
773F43

# Trichromacy



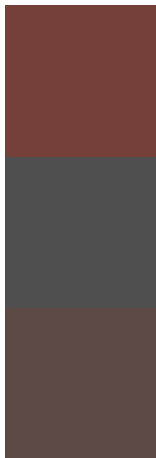
**Original Color**  
76403A

**Protanomaly**  
604A3E

**Deuteranomaly**  
674839

**Tritanomaly**  
773F40

# Monochromacy



**Original Color**  
76403A

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
5D4A47

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76403A 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 #76403A looks like.

```
.text, #text, p{  
    color:#76403A  
}
```

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 #76403A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76403A
}
```

## Border

The CSS property to change the border of an element to Hex 76403A is called "border". The border property can be set on classes, ids or directly on the HTML element.

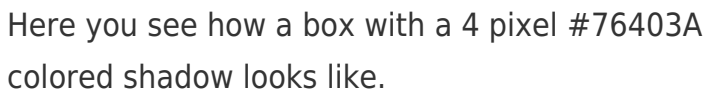
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#76403A }
```

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

```
.border{ border-color:#76403A }
```

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



Here you see how a box with a 4 pixel #76403A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76403A; -webkit-box-shadow:4px 4px  
4px 4px #76403A; box-shadow:4px 4px 4px  
4px #76403A }
```

# Background

The CSS property to change the background color of an element to Hex 76403A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76403A }
```

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

```
.background{ background-color:#76403A }
```

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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