

# Converting Colors

Hex(7D403C)

Have a look what the booklet for  
Hex(7D403C) contains.

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**Color**

**Hex(7D403C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7D403C
RGB	125, 64, 60
RGB Percent	49%, 25%, 24%
CMY	0.5098, 0.7490, 0.7647
CMYK	0.00, 0.49, 0.52, 0.51
HSL	4°, 35%, 36%
HSV	4°, 52%, 49%
XYZ	11.1065, 8.3530, 5.3019
YIQ	81.7830, 37.6400, 11.6880

# Conversions

## Conversions Part 2

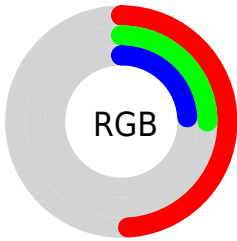
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	125, 64, 60
Decimal	8208444
CIE <sub>Lab</sub>	34.71, 25.88, 14.39
CIE <sub>LCh</sub>	35, 29.612, 29.083
Yxy	8.3530, 0.4485, 0.3373
Android (android.graphics.Color)	4286398524 (0xFF7D403C)
YUV	81.7830, -10.7390, 37.9013
Hunter-Lab	28.9016, 18.0172, 9.3546

# Details

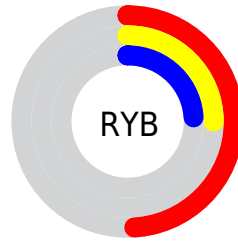
The Hex color **7D403C** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3C797D**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **B4716B**, and **481212** is the 20% darker color. If you saturate the color by 10%, you get **7D3430**, and if you desaturate by 10%, it is **7D4C49**.

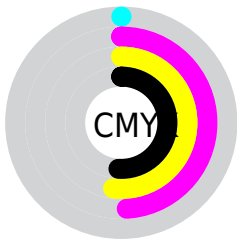
# Distribution



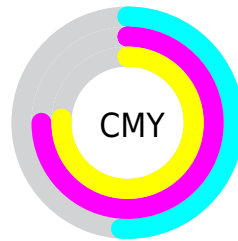
- Red (49%)
- Green (25%)
- Blue (24%)



- Red (49%)
- Yellow (25%)
- Blue (24%)



- Cyan (0%)
- Magenta (49%)
- Yellow (52%)
- Black (51%)



- Cyan (51%)
- Magenta (75%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D403C 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 7D403C by changing the saturation by 10% instead.



 7D403C

 7D403C

FFFFFF

 622926

 B4716B

 481212

 D18B85

 300000

 EEA69F

 080000

 FFC1BA

 000000

 FFDD5

 FFFAF2

 7D403C

 7D403C

 7D3430

 7D4C49

 7D2923

 7D5755

 7D1D17

 7D6362

 7D110A

 7D6F6E

 7D0800

 7D7B7A

 7D8687

 7D9293

 7D9EA0

 7DAAAC

# Harmonies

## Analogous

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



7C3E53



7D403C



73472A

# Triad

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



7D403C



2A5B38



255481

# Complementary

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



7D403C



3C797D

# 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.



005A7A



7D403C



005E50

# Square

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



7D403C



485727



005D68



524C7B

# Rectangle

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



7D403C



674D22



005D68



075780



# Sweetspot

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



7D403C



A38B89



7D3C7A



524342



D1D1D1



525252



# Same Dimension

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



7D403C



A3443E



7D603C



403A39



800800



000000



# Inverse Universe

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



3C797D



3E9DA3



3C597D



393F40



007880

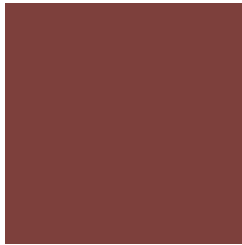


000000



# Previews

## White Background



This preview shows how the Hex color 7D403C looks on a white background.

## Color Contrast Check

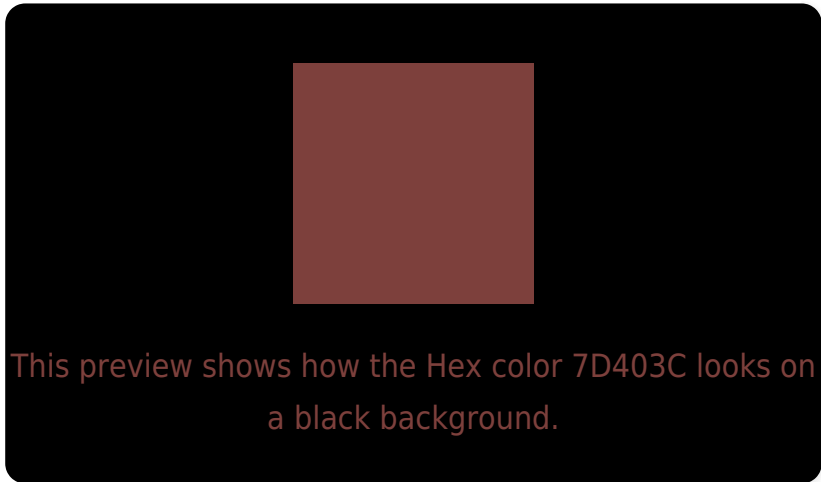
Large Text (above 18pt) WCAG AA ✓ Pass

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

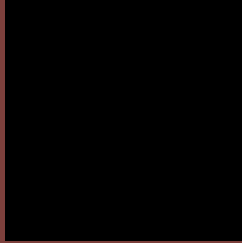
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7D403C Background



This preview shows how black text looks on a background with the Hex color 7D403C.

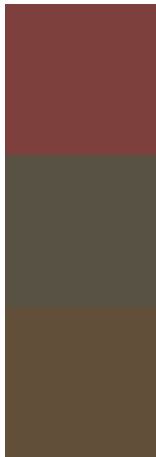


This preview shows how white text looks on a background with the Hex color 7D403C.

# 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**  
7D403C

**Protanopia**  
575244

**Deuteranopia**  
624F39



**Tritanopia**  
7E3F43

# Trichromacy



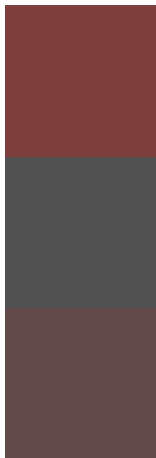
**Original Color**  
7D403C

**Protanomaly**  
654B41

**Deuteranomaly**  
6C4A3A

**Tritanomaly**  
7E3F40

# Monochromacy



**Original Color**  
7D403C

**Achromatopsia**  
525252

**Achromatomaly**  
624B4A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D403C 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 #7D403C looks like.

```
.text, #text, p{  
    color:#7D403C  
}
```

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 #7D403C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D403C
}
```

## Border

The CSS property to change the border of an element to Hex 7D403C 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".

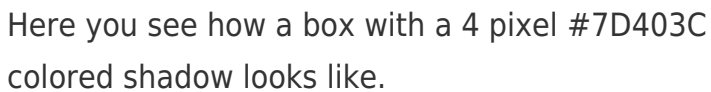
```
.border, #border, table{ border:4px solid
#7D403C }
```

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

```
.border{ border-color:#7D403C }
```

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

Here you see how a box with a 4 pixel #7D403C colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below and to the right of the box is a dark red shadow, creating a 3D effect. The shadow is rectangular and matches the color of the border.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D403C; -webkit-box-shadow:4px 4px  
4px 4px #7D403C; box-shadow:4px 4px 4px  
4px #7D403C }
```

# Background

The CSS property to change the background color of an element to Hex 7D403C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D403C }
```

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

```
.background{ background-color:#7D403C }
```

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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