

# Converting Colors

Hex(7F403E)

Have a look what the booklet for  
Hex(7F403E) contains.

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# Color

**Hex(7F403E)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 7F403E                    |
| RGB           | 127, 64, 62               |
| RGB Percent   | 50%, 25%, 24%             |
| CMY           | 0.5020, 0.7490, 0.7569    |
| CMYK          | 0.00, 0.50, 0.51, 0.50    |
| HSL           | 2°, 34%, 37%              |
| HSV           | 2°, 51%, 50%              |
| XYZ           | 11.4553, 8.5266, 5.5995   |
| YIQ           | 82.6090, 38.1900, 12.7340 |

# Conversions

## Conversions Part 2

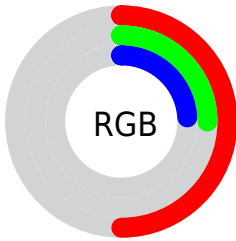
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 127, 64, 62                   |
| Decimal                             | 8339518                       |
| CIE <sub>Lab</sub>                  | 35.06, 26.91, 13.65           |
| CIE <sub>LCh</sub>                  | 35, 30.174, 26.904            |
| Yxy                                 | 8.5266, 0.4478,<br>0.3333     |
| Android<br>(android.graphics.Color) | 4286529598<br>(0xFF7F403E)    |
| YUV                                 | 82.6090, -10.1602,<br>38.9309 |
| Hunter-Lab                          | 29.2004, 18.9248,<br>9.0708   |

# Details

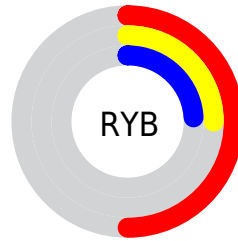
The Hex color **7F403E** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3E7D7F**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **B6716D**, and **4A1114** is the 20% darker color. If you saturate the color by 10%, you get **7F3431**, and if you desaturate by 10%, it is **7F4C4B**.

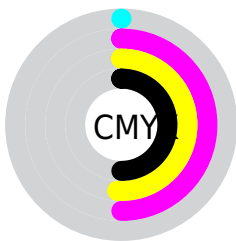
# Distribution



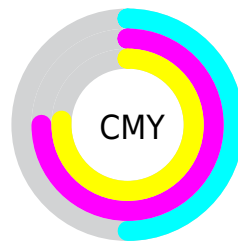
- Red (50%)
- Green (25%)
- Blue (24%)



- Red (50%)
- Yellow (25%)
- Blue (24%)



- Cyan (0%)
- Magenta (50%)
- Yellow (51%)
- Black (50%)



- Cyan (50%)
- Magenta (75%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F403E 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 7F403E by changing the saturation by 10% instead.



 7F403E

 7F403E

FFFFFF

 642928

 B6716D

 4A1114

 D38B87

 320000

 F0A6A1

 0E0000

 FFC1BC

 000000

 FFDDD8

 FFFAF4

 7F403E

 7F403E

 7F3431

 7F4C4B

 7F2725

 7F5957

 7F1B18

 7F6564

 7F0F0B

 7F7171

 7F0400

 7F7E7E

 7F8A8A

 7F9697

 7FA2A4

 7FAFB0

# Harmonies

## Analogous

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



7D3E56



7F403E



75472B

# Triad

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



7F403E



2D5C37



1F5682

# Complementary

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



7F403E



3E7D7F

# 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.



005C7A



7F403E



005E4F

# Square

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



7F403E



4B5726



005E67



504D7D

# Rectangle

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



7F403E



6A4D23



005E67



005881



# Sweetspot

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



7F403E



A68E8D



7F3E7E



544545



D4D4D4



545454



# Same Dimension

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



7F403E



A64441



7F603E



403A39



800400



000000



# Inverse Universe

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



3E7D7F



41A3A6



3E5D7F



394040



007C80

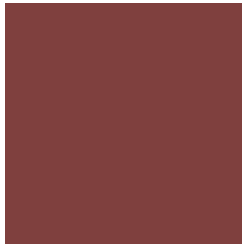


000000



# Previews

## White Background



This preview shows how the Hex color 7F403E looks on a white background.

## Color Contrast Check

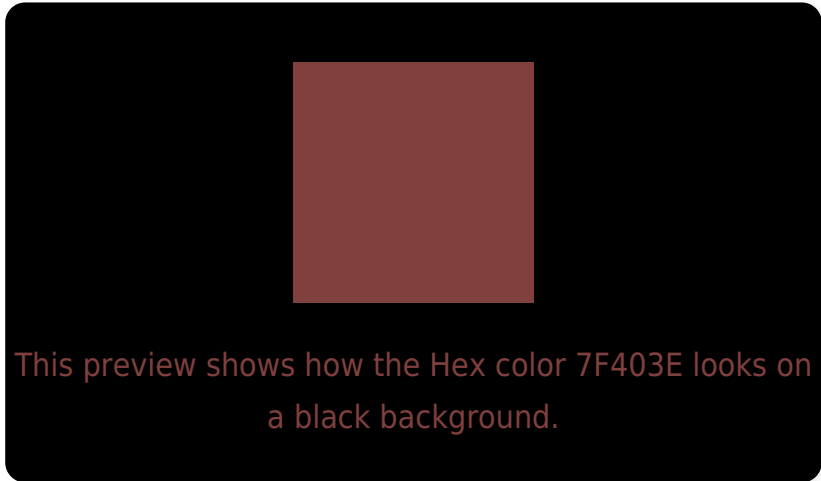
Large Text (above 18pt) WCAG AA ✓ Pass

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

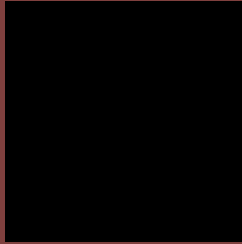
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7F403E Background



This preview shows how black text looks on a background with the Hex color 7F403E.

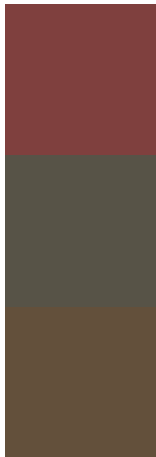


This preview shows how white text looks on a background with the Hex color 7F403E.

# 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**  
7F403E

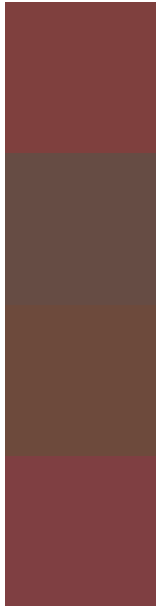
**Protanopia**  
575347

**Deuteranopia**  
63503B



**Tritanopia**  
7F3F44

# Trichromacy



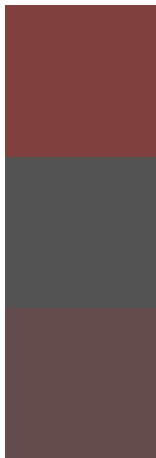
**Original Color**  
7F403E

**Protanomaly**  
664C44

**Deuteranomaly**  
6D4A3C

**Tritanomaly**  
7F3F42

# Monochromacy



**Original Color**  
7F403E

**Achromatopsia**  
535353

**Achromatomaly**  
634C4B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F403E 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 #7F403E looks like.

```
.text, #text, p{  
    color:#7F403E  
}
```

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 #7F403E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F403E
}
```

## Border

The CSS property to change the border of an element to Hex 7F403E 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".

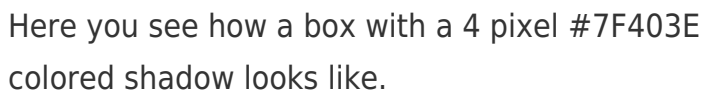
```
.border, #border, table{ border:4px solid
#7F403E }
```

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

```
.border{ border-color:#7F403E }
```

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

Here you see how a box with a 4 pixel #7F403E 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 on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F403E; -webkit-box-shadow:4px 4px  
4px 4px #7F403E; box-shadow:4px 4px 4px  
4px #7F403E }
```

# Background

The CSS property to change the background color of an element to Hex 7F403E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F403E }
```

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

```
.background{ background-color:#7F403E }
```

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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