

# Converting Colors

Hex(7C403D)

Have a look what the booklet for  
Hex(7C403D) contains.

<b>Hex(7C403D)</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(7C403D)**

# Conversions

Conversions Part 1	
Format	Color
Hex	7C403D
RGB	124, 64, 61
RGB Percent	49%, 25%, 24%
CMY	0.5137, 0.7490, 0.7608
CMYK	0.00, 0.48, 0.51, 0.51
HSL	3°, 34%, 36%
HSV	3°, 51%, 49%
XYZ	10.9879, 8.2888, 5.4357
YIQ	81.5980, 36.7230, 11.7870

# Conversions

## Conversions Part 2

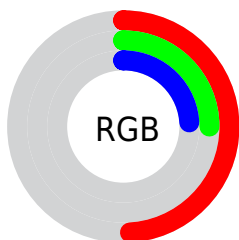
Format	Color
<a href="#">RYB</a>	<a href="#">124, 64, 61</a>
Decimal	<a href="#">8142909</a>
CIELab	<a href="#">34.58, 25.57, 13.56</a>
CIELCh	<a href="#">35, 28.941, 27.940</a>
Yxy	<a href="#">8.2888, 0.4446, 0.3354</a>
Android (android.graphics.Color)	<a href="#">4286332989</a> (0xFF7C403D)
YUV	<a href="#">81.5980, -10.1548, 37.1866</a>
Hunter-Lab	<a href="#">28.7903, 17.7420, 8.9591</a>

# Details

The Hex color **7C403D** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3D797C**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **B3716C**, and **471213** is the 20% darker color. If you saturate the color by 10%, you get **7C3431**, and if you desaturate by 10%, it is **7C4C49**.

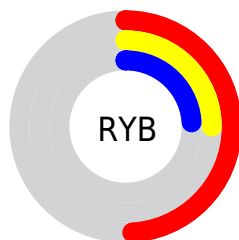
# Distribution



Red (49%)

Green (25%)

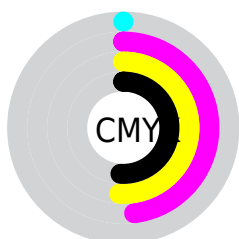
Blue (24%)



Red (49%)

Yellow (25%)

Blue (24%)

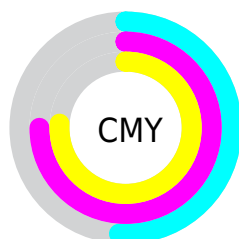


Cyan (0%)

Magenta (48%)

Yellow (51%)

Black (51%)



Cyan (51%)

Magenta (75%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C403D 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 7C403D by changing the saturation by 10% instead.

 7C403D

FFFFFF

 B3716C

 D08B86

 EDA6A0

 FFC1BB

 FFDDDD6

 FFFAF3

 7C403D

 612927

 471213

 2F0000

 060000

 000000

 7C403D

 7C3431

 7C403D

 7C4C49

 7C2824

 7C5856

 7C1D18

 7C6362

 7C110B

 7C6F6F

 7C0600

 7C7B7B

 7C8787

 7C9394

 7C9EA0

 7CAAAD

# Harmonies

## Analogous

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



7B3E54



7C403D



72472B

# Triad

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



7C403D



2D5B38



24547F

# Complementary

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



7C403D



3D797C

# 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.



005A78



7C403D



005D4F

# Square

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



7C403D



495627



005D66



504C7A

# Rectangle

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



7C403D



674D24



005D66



09567E

# Sweetspot

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



7C403D



A18A89



7C3D7A



524443



D1D1D1



525252



# Same Dimension

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



7C403D



A1433F



7C5F3D



3D3737



7D0600



FC0C00



# Inverse Universe

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



3D797C



3F9CA1



3D5A7C



373D3D



00777D



00F0FC



# Previews

## White Background



This preview shows how the Hex color 7C403D looks on a white background.

## Color Contrast Check

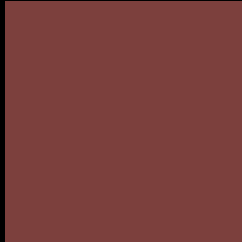
Large Text (above 18pt) WCAG AA ✓ Pass

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 7C403D Background



This preview shows how black text looks on a background with the Hex color 7C403D.

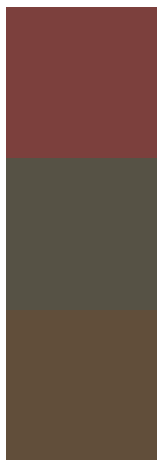


This preview shows how white text looks on a background with the Hex color 7C403D.

# 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**

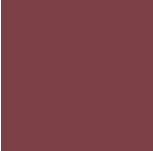
7C403D

**Protanopia**

565245



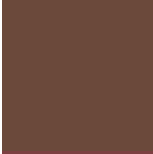

**Deuteranopia**

614E3A



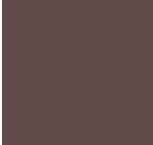


**Tritanopia**  
7C3F43

# Trichromacy

	<b>Original Color</b> 7C403D
	<b>Protanomaly</b> 644B42
	<b>Deuteranomaly</b> 6B493B
	<b>Tritanomaly</b> 7C3F41

# Monochromacy

	<b>Original Color</b> 7C403D
	<b>Achromatopsia</b> 525252
	<b>Achromatomaly</b> 614B4A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C403D 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 #7C403D looks like.

```
.text, #text, p{  
    color:#7C403D  
}
```

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 #7C403D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C403D
}
```

## Border

The CSS property to change the border of an element to Hex 7C403D 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
#7C403D }
```

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

```
.border{ border-color:#7C403D }
```

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

Here you see how a box with a 4 pixel #7C403D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C403D; -webkit-box-shadow:4px 4px  
4px 4px #7C403D; box-shadow:4px 4px 4px  
4px #7C403D }
```

# Background

The CSS property to change the background color of an element to Hex 7C403D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C403D }
```

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

```
.background{ background-color:#7C403D }
```

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