

# Converting Colors

Hex(7D3D3C)

Have a look what the booklet for  
Hex(7D3D3C) contains.

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**Color**

**Hex(7D3D3C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7D3D3C
RGB	125, 61, 60
RGB Percent	49%, 24%, 24%
CMY	0.5098, 0.7608, 0.7647
CMYK	0.00, 0.51, 0.52, 0.51
HSL	1°, 35%, 36%
HSV	1°, 52%, 49%
XYZ	10.9418, 8.0237, 5.2470
YIQ	80.0220, 38.4650, 13.2570

# Conversions

## Conversions Part 2

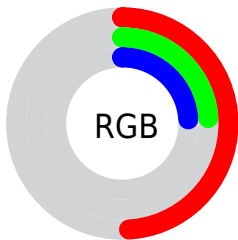
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	125, 61, 60
Decimal	8207676
CIE Lab	34.03, 27.58, 13.48
CIE LCh	34, 30.695, 26.055
Yxy	8.0237, 0.4519, 0.3314
Android (android.graphics.Color)	4286397756 (0xFF7D3D3C)
YUV	80.0220, -9.8708, 39.4457
Hunter-Lab	28.3261, 19.3801, 8.8457

# Details

The Hex color **7D3D3C** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3C7C7D**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **B46E6B**, and **480E12** is the 20% darker color. If you saturate the color by 10%, you get **7D3130**, and if you desaturate by 10%, it is **7D4949**.

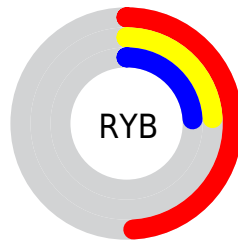
# Distribution



Red (49%)

Green (24%)

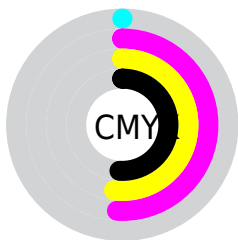
Blue (24%)



Red (49%)

Yellow (24%)

Blue (24%)

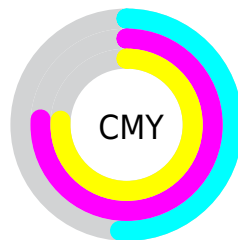


Cyan (0%)

Magenta (51%)

Yellow (52%)

Black (51%)



Cyan (51%)

Magenta (76%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D3D3C 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 7D3D3C by changing the saturation by 10% instead.



 7D3D3C

 7D3D3C

FFFFFF

 622626

 B46E6B

 480E12

 D18884

 300000

 EEA39F

 050000

 FFBEBA

 000000

 FFDAD5

 FFF7F2

 7D3D3C

 7D3D3C

 7D3130

 7D4949

 7D2423

 7D5655

 7D1817

 7D6262

 7D0C0A

 7D6E6E

 7D0200

 7D7B7A

 7D8787

 7D9393

 7D9FA0

 7DACAC

# Harmonies

## Analogous

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



7B3B54



7D3D3C



734528

# Triad

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



7D3D3C



2B5A34



165480

# Complementary

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



7D3D3C



3C7C7D

# 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.



005978



7D3D3C



005C4C

# Square

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



7D3D3C



495522



005C65



4C4B7C

# Rectangle

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



7D3D3C



684B20



005C65



00567F



# Sweetspot

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



7D3D3C



A38989



7D3C7D



524242



D1D1D1



525252



# Same Dimension

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



7D3D3C



A3403E



7D5D3C



403939



800200



000000



# Inverse Universe

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



3C7C7D



3EA2A3



3C5D7D



394040



007E80



000000



# Previews

## White Background



This preview shows how the Hex color 7D3D3C looks on a white background.

## Color Contrast Check

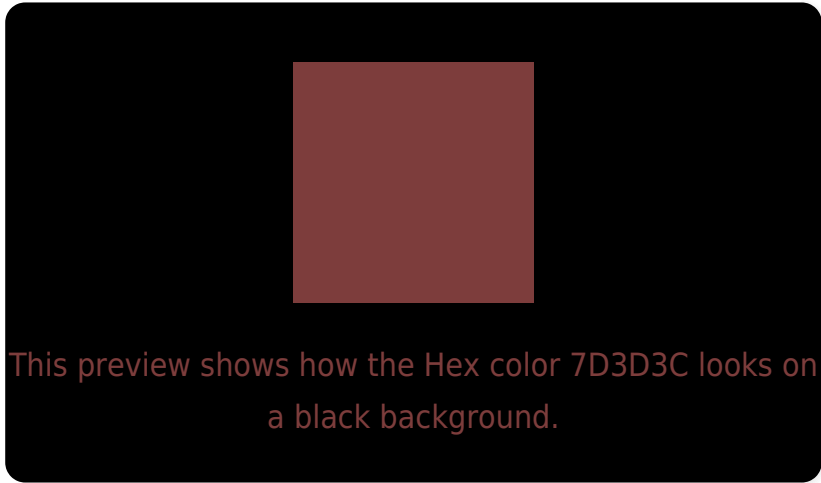
Large Text (above 18pt) WCAG AA ✓ Pass

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 7D3D3C Background



This preview shows how black text looks on a background with the Hex color 7D3D3C.

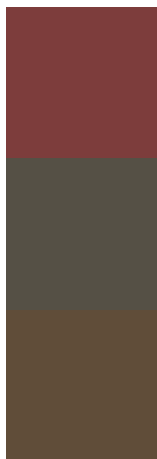


This preview shows how white text looks on a background with the Hex color 7D3D3C.

# 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**  
7D3D3C

**Protanopia**  
555045

**Deuteranopia**  
604D39



**Tritanopia**  
7D3C41

# Trichromacy



**Original Color**  
7D3D3C

**Protanomaly**  
644942

**Deuteranomaly**  
6B473A

**Tritanomaly**  
7D3C3F

# Monochromacy



**Original Color**  
7D3D3C

**Achromatopsia**  
505050

**Achromatomaly**  
604949

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D3D3C 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 #7D3D3C looks like.

```
.text, #text, p{  
    color:#7D3D3C  
}
```

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 #7D3D3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D3D3C
}
```

## Border

The CSS property to change the border of an element to Hex 7D3D3C 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".

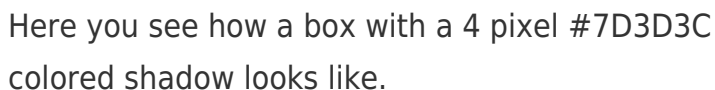
```
.border, #border, table{ border:4px solid
#7D3D3C }
```

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

```
.border{ border-color:#7D3D3C }
```

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

Here you see how a box with a 4 pixel #7D3D3C colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #7D3D3C colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D3D3C; -webkit-box-shadow:4px 4px  
4px 4px #7D3D3C; box-shadow:4px 4px 4px  
4px #7D3D3C }
```

# Background

The CSS property to change the background color of an element to Hex 7D3D3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D3D3C }
```

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

```
.background{ background-color:#7D3D3C }
```

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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