

# Converting Colors

Hex(7B3E2F)

Have a look what the booklet for  
Hex(7B3E2F) contains.

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# Color

Hex(7B3E2F)

# Conversions

## Conversions Part 1

Format	Color
Hex	7B3E2F
RGB	123, 62, 47
RGB Percent	48%, 24%, 18%
CMY	0.5176, 0.7569, 0.8157
CMYK	0.00, 0.50, 0.62, 0.52
HSL	12°, 45%, 33%
HSV	12°, 62%, 48%
XYZ	10.4041, 7.8614, 3.6584
YIQ	78.5290, 41.1710, 8.2670

# Conversions

## Conversions Part 2

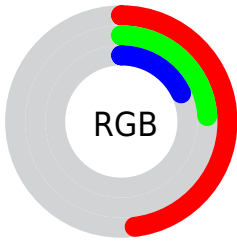
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 66, 47
Decimal	8076847
CIE <sub>Lab</sub>	33.69, 24.99, 21.14
CIE <sub>LCh</sub>	34, 32.731, 40.232
Yxy	7.8614, 0.4746, 0.3586
Android (android.graphics.Color)	4286266927 (0xFF7B3E2F)
YUV	78.5290, -15.5438, 39.0011
Hunter-Lab	28.0383, 17.1686, 11.8907

# Details

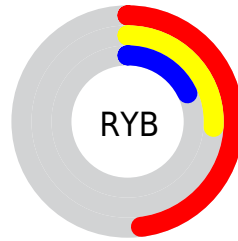
The Hex color **7B3E2F** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2F6C7B**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **B36F5D**, and **461000** is the 20% darker color. If you saturate the color by 10%, you get **7B3423**, and if you desaturate by 10%, it is **7B483B**.

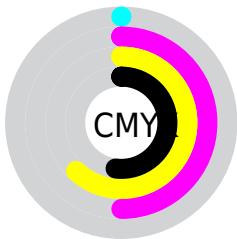
# Distribution



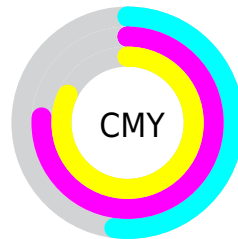
- Red (48%)
- Green (24%)
- Blue (18%)



- Red (48%)
- Yellow (26%)
- Blue (18%)



- Cyan (0%)
- Magenta (50%)
- Yellow (62%)
- Black (52%)



- Cyan (52%)
- Magenta (76%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B3E2F 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 7B3E2F by changing the saturation by 10% instead.



 7B3E2F

 7B3E2F

FFFFFF

 60271A

 B36F5D

 461000

 D08976

 2D0000

 EDA390

 000000

 FFBEAA

 FFDAC6

 FFF7E2

FFFFFFE

 7B3E2F

 7B3E2F

■ 7B3423

■ 7B483B

■ 7B2A16

■ 7B5248

■ 7B200A

■ 7B5C54

■ 7B1800

■ 7B6560

■ 7B6F6D

■ 7B7979

■ 7B8385

■ 7B8D91

■ 7B979E

# Harmonies

## Analogous

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



7F3847



7B3E2F



6C481D

# Triad

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



7B3E2F



0A5B3D



314F82

# Complementary

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



7B3E2F



2F6C7B

# 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.



005780



7B3E2F



005C58

# Square

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



7B3E2F



395726



005B70



5D4577

# Rectangle

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



7B3E2F



5E4E19



005B70



185283



# Sweetspot

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



7B3E2F



A18882



7B2F6D



52433F



D1D1D1



525252



# Same Dimension

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



7B3E2F



A1412A



7B632F



3D3837



7D1900



FC3200



# Inverse Universe

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



2F6C7B



2A89A1



2F477B



373C3D



00647D



00CBFC



# Previews

## White Background



This preview shows how the Hex color 7B3E2F looks on a white background.

## Color Contrast Check

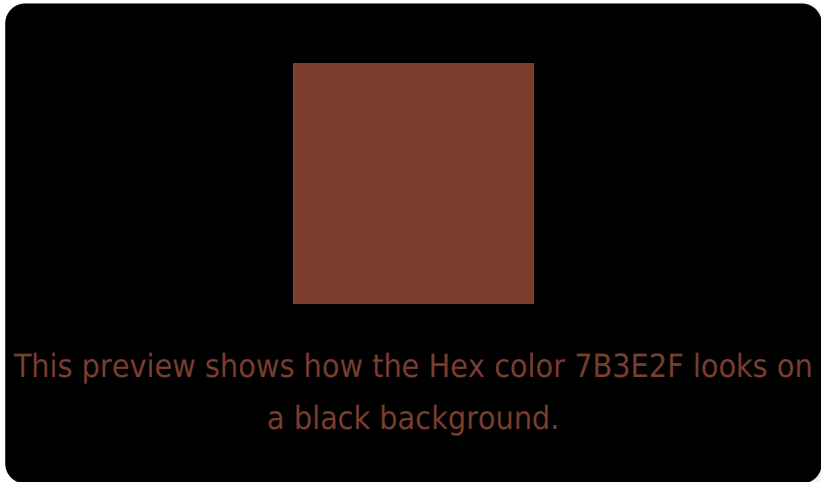
Large Text (above 18pt) WCAG AA ✓ Pass

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

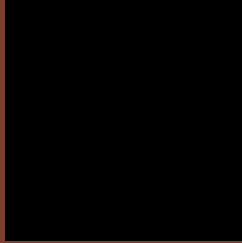
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7B3E2F Background



This preview shows how black text looks on a background with the Hex color 7B3E2F.



This preview shows how white text looks on a background with the Hex color 7B3E2F.

# 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**  
7B3E2F

**Protanopia**  
575036

**Deuteranopia**  
624C2C



**Tritanopia**  
7C3C40

# Trichromacy



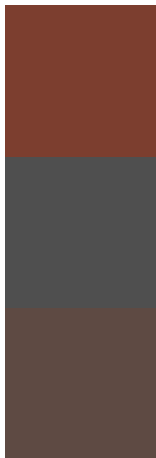
**Original Color**  
7B3E2F

**Protanomaly**  
644933

**Deuteranomaly**  
6B472D

**Tritanomaly**  
7C3D3A

# Monochromacy



**Original Color**  
7B3E2F

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
5F4943

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B3E2F 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 #7B3E2F looks like.

```
.text, #text, p{  
    color:#7B3E2F  
}
```

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 #7B3E2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B3E2F
}
```

## Border

The CSS property to change the border of an element to Hex 7B3E2F is called "border". The border property can be set on classes, ids or directly on the HTML element.

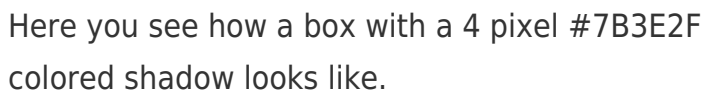
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B3E2F }
```

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

```
.border{ border-color:#7B3E2F }
```

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



Here you see how a box with a 4 pixel #7B3E2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B3E2F; -webkit-box-shadow:4px 4px  
4px 4px #7B3E2F; box-shadow:4px 4px 4px  
4px #7B3E2F }
```

# Background

The CSS property to change the background color of an element to Hex 7B3E2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B3E2F }
```

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

```
.background{ background-color:#7B3E2F }
```

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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