

# Converting Colors

Hex(7B4D3C)

Have a look what the booklet for  
Hex(7B4D3C) contains.

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# Color

Hex(7B4D3C)

# Conversions

## Conversions Part 1

Format	Color
Hex	7B4D3C
RGB	123, 77, 60
RGB Percent	48%, 30%, 24%
CMY	0.5176, 0.6980, 0.7647
CMYK	0.00, 0.37, 0.51, 0.52
HSL	16°, 34%, 36%
HSV	16°, 51%, 48%
XYZ	11.6379, 9.8450, 5.5618
YIQ	88.8160, 32.8730, 4.4650

# Conversions

## Conversions Part 2

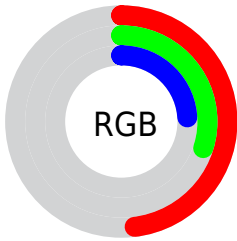
Format	Color
R <sub>Y</sub> B	123, 83, 60
Decimal	8080700
CIE Lab	37.56, 17.41, 18.14
CIE LCh	38, 25.144, 46.179
Yxy	9.8450, 0.4303, 0.3640
Android (android.graphics.Color)	4286270780 (0xFF7B4D3C)
YUV	88.8160, -14.2063, 29.9794
Hunter-Lab	31.3767, 11.2980, 11.4539

# Details

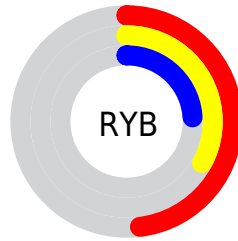
The Hex color **7B4D3C** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3C6A7B**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **B27E6C**, and **472012** is the 20% darker color. If you saturate the color by 10%, you get **7B4430**, and if you desaturate by 10%, it is **7B5648**.

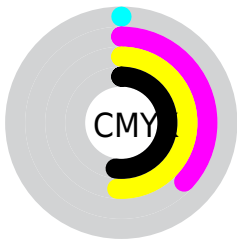
# Distribution



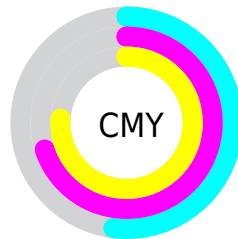
- Red (48%)
- Green (30%)
- Blue (24%)



- Red (48%)
- Yellow (33%)
- Blue (24%)



- Cyan (0%)
- Magenta (37%)
- Yellow (51%)
- Black (52%)



- Cyan (52%)
- Magenta (70%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B4D3C 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 7B4D3C by changing the saturation by 10% instead.



 7B4D3C

 7B4D3C

FFFFFF

 613626

 B27E6C

 472012

 CE9885

 2F0B00

 EBB39F

 110000

 FFCFBA

 000000

 FFEBD6

 FFFFF2

 7B4D3C

 7B4D3C

 7B4430

 7B5648

 7B3B23

 7B5F55

 7B3217

 7B6861

 7B290B

 7B716D

 7B2100

 7B7A7A

 7B8386

 7B8C92

 7B959E

 7B9EAB

# Harmonies

## Analogous

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



80494E



7B4D3C



6E5431

# Triad

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



7B4D3C



29634E



4C577F

# Complementary

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



7B4D3C



3C6A7B

# 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.



285D7F



7B4D3C



006363

# Square

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



7B4D3C



44603C



006175



684F75

# Rectangle

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



7B4D3C



61592F



006175



415981



# Sweetspot

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



7B4D3C



A18F89



7B3C6A



524743



D1D1D1



525252



# Same Dimension

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



7B4D3C



A1593F



7B6C3C



3D3937



7D2200



FC4400



# Inverse Universe

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



3C6A7B



3F86A1



3C4B7B



373C3D



005B7D



00B8FC



# Previews

## White Background



This preview shows how the Hex color 7B4D3C looks on a white background.

## Color Contrast Check

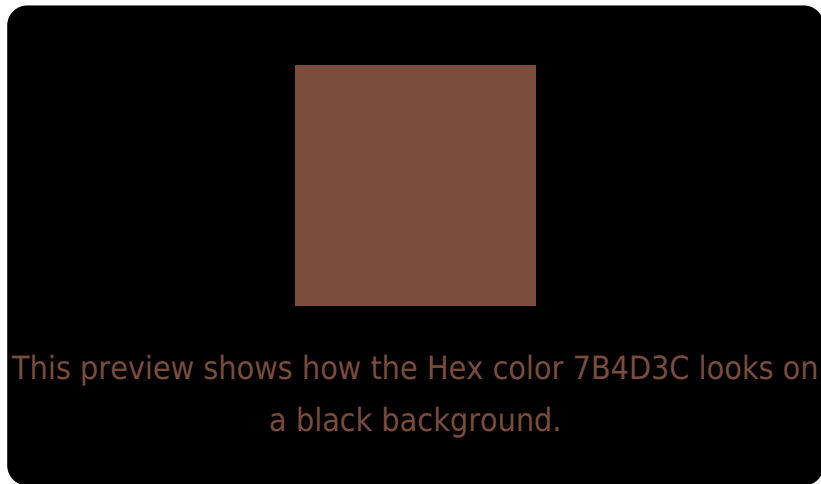
Large Text (above 18pt) WCAG AA ✓ Pass

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

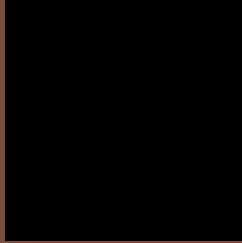
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7B4D3C Background



This preview shows how black text looks on a background with the Hex color 7B4D3C.



This preview shows how white text looks on a background with the Hex color 7B4D3C.

# 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**  
7B4D3C

**Protanopia**  
5F5941

**Deuteranopia**  
6B553A



**Tritanopia**  
7D4A50

# Trichromacy



**Original Color**  
7B4D3C

**Protanomaly**  
69553F

**Deuteranomaly**  
71523B

**Tritanomaly**  
7C4B49

# Monochromacy



**Original Color**  
7B4D3C

**Achromatopsia**  
595959

**Achromatomaly**  
65554E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B4D3C 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 #7B4D3C looks like.

```
.text, #text, p{  
    color:#7B4D3C  
}
```

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 #7B4D3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B4D3C
}
```

## Border

The CSS property to change the border of an element to Hex 7B4D3C is called "border". The border property can be set on classes, ids or directly on the HTML element.

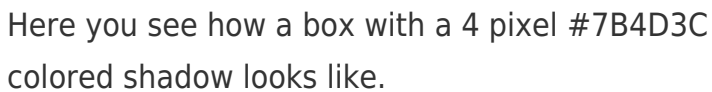
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B4D3C }
```

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

```
.border{ border-color:#7B4D3C }
```

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



Here you see how a box with a 4 pixel #7B4D3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B4D3C; -webkit-box-shadow:4px 4px  
4px 4px #7B4D3C; box-shadow:4px 4px 4px  
4px #7B4D3C }
```

# Background

The CSS property to change the background color of an element to Hex 7B4D3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B4D3C }
```

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

```
.background{ background-color:#7B4D3C }
```

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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