

# Converting Colors

Hex(7B4C4C)

Have a look what the booklet for  
Hex(7B4C4C) contains.

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# Color

Hex(7B4C4C)

# Conversions

## Conversions Part 1

Format	Color
Hex	7B4C4C
RGB	123, 76, 76
RGB Percent	48%, 30%, 30%
CMY	0.5176, 0.7020, 0.7020
CMYK	0.00, 0.38, 0.38, 0.52
HSL	0°, 24%, 39%
HSV	0°, 38%, 48%
XYZ	12.0573, 9.9016, 8.1132
YIQ	90.0530, 28.0120, 9.9640

# Conversions

## Conversions Part 2

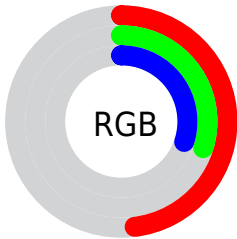
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 76, 76
Decimal	8080460
CIE <sub>Lab</sub>	37.67, 19.92, 8.37
CIE <sub>LCh</sub>	38, 21.601, 22.786
Yxy	9.9016, 0.4009, 0.3293
Android (android.graphics.Color)	4286270540 (0xFF7B4C4C)
YUV	90.0530, -6.9281, 28.8945
Hunter-Lab	31.4669, 13.3298, 6.7399

# Details

The Hex color **7B4C4C** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **4C7B7B**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **B17D7D**, and **481F20** is the 20% darker color. If you saturate the color by 10%, you get **7B4040**, and if you desaturate by 10%, it is **7B5858**.

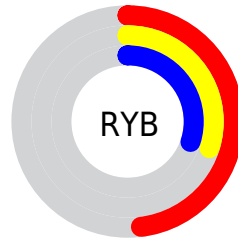
# Distribution



Red (48%)

Green (30%)

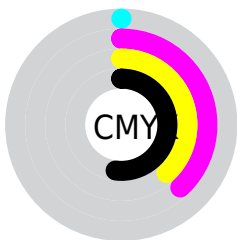
Blue (30%)



Red (48%)

Yellow (30%)

Blue (30%)

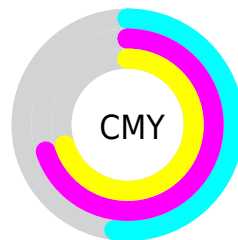


Cyan (0%)

Magenta (38%)

Yellow (38%)

Black (52%)



Cyan (52%)

Magenta (70%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B4C4C 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 7B4C4C by changing the saturation by 10% instead.



 7B4C4C

 7B4C4C

FFFFFF

 613535

 B17D7D

 481F20

 CD9897

 300909

 EAB2B1

 160000

 FFCECD

 000000

 FFEAE9

 7B4C4C

 7B4C4C

 7B4040

 7B5858

 7B3333

 7B6565

 7B2727

 7B7171

 7B1B1B

 7B7D7D

 7B0E0E

 7B8A8A

 7B0202

 7B9696

 7B0000

 7BA2A2

 7BAEAE

 7BBBBB

# Harmonies

## Analogous

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



784C5E



7B4C4C



75503E

# Triad

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



7B4C4C



436043



3A5C7B

# Complementary

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



7B4C4C



4C7B7B

# 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.



206074



7B4C4C



2D6254

# Square

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



7B4C4C



575C38



1B6266



555679

# Rectangle

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



7B4C4C



6D5438



1B6266



305D7A



# Sweetspot

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



7B4C4C



A18F8F



7B4C7B



524747



D1D1D1



525252



# Same Dimension

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



7B4C4C



A15757



7B644C



3D3737



7D0000



FC0000



# Inverse Universe

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



4C7B7B



57A1A1



4C647B



373D3D



007D7D

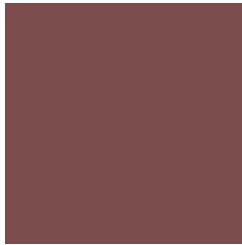


00FCFC



# Previews

## White Background



This preview shows how the Hex color 7B4C4C looks on a white background.

## Color Contrast Check

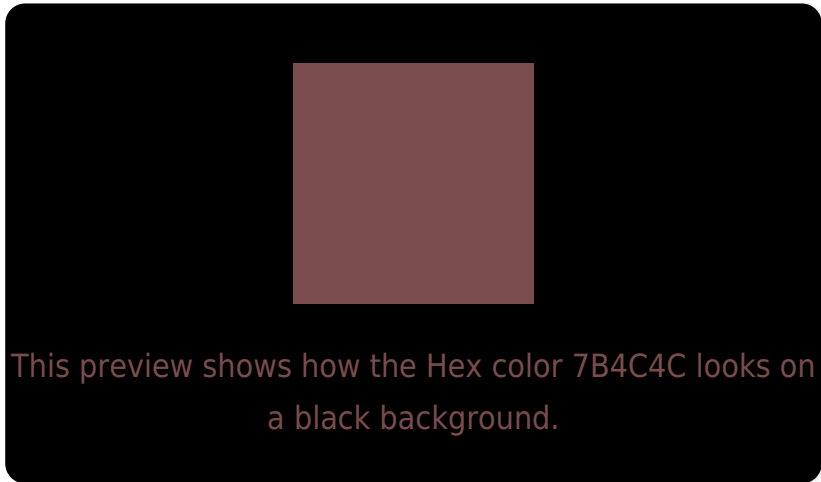
Large Text (above 18pt) WCAG AA ✓ Pass

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

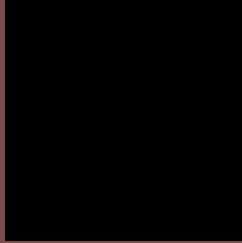
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7B4C4C Background



This preview shows how black text looks on a background with the Hex color 7B4C4C.



This preview shows how white text looks on a background with the Hex color 7B4C4C.

# 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**  
7B4C4C

**Protanopia**  
5C5953

**Deuteranopia**  
67564A



**Tritanopia**  
7B4B51

# Trichromacy



**Original Color**  
7B4C4C

**Protanomaly**  
675450

**Deuteranomaly**  
6E524B

**Tritanomaly**  
7B4B4F

# Monochromacy



**Original Color**  
7B4C4C

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
665555

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B4C4C 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 #7B4C4C looks like.

```
.text, #text, p{  
  color:#7B4C4C  
}
```

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 #7B4C4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B4C4C
}
```

## Border

The CSS property to change the border of an element to Hex 7B4C4C is called "border". The border property can be set on classes, ids or directly on the HTML element.

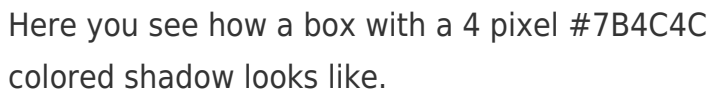
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B4C4C }
```

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

```
.border{ border-color:#7B4C4C }
```

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



Here you see how a box with a 4 pixel #7B4C4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B4C4C; -webkit-box-shadow:4px 4px  
4px 4px #7B4C4C; box-shadow:4px 4px 4px  
4px #7B4C4C }
```

# Background

The CSS property to change the background color of an element to Hex 7B4C4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B4C4C }
```

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

```
.background{ background-color:#7B4C4C }
```

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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