

# Converting Colors

Hex(7B4D2D)

Have a look what the booklet for  
Hex(7B4D2D) contains.

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**Color**

**Hex(7B4D2D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B4D2D
RGB	123, 77, 45
RGB Percent	48%, 30%, 18%
CMY	0.5176, 0.6980, 0.8235
CMYK	0.00, 0.37, 0.63, 0.52
HSL	25°, 46%, 33%
HSV	25°, 63%, 48%
XYZ	11.2959, 9.7082, 3.7611
YIQ	87.1060, 37.6880, -0.2000

# Conversions

## Conversions Part 2

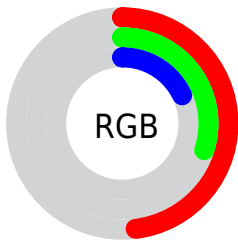
Format	Color
R <sub>Y</sub> B	123, 99, 45
Decimal	8080685
CIE Lab	37.31, 16.03, 26.78
CIE LCh	37, 31.214, 59.103
Yxy	9.7082, 0.4561, 0.3920
Android (android.graphics.Color)	4286270765 (0xFF7B4D2D)
YUV	87.1060, -20.7583, 31.4790
Hunter-Lab	31.1579, 10.1865, 14.6536

# Details

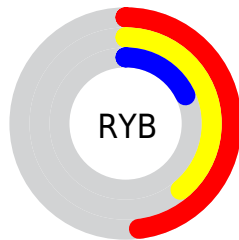
The Hex color **7B4D2D** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **2D5B7B**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **B27E5C**, and **472000** is the 20% darker color. If you saturate the color by 10%, you get **7B4621**, and if you desaturate by 10%, it is **7B5439**.

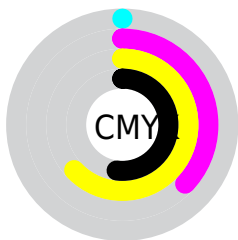
# Distribution



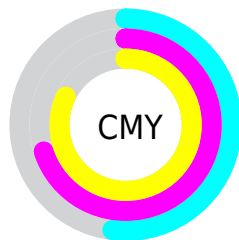
- Red (48%)
- Green (30%)
- Blue (18%)



- Red (48%)
- Yellow (39%)
- Blue (18%)



- Cyan (0%)
- Magenta (37%)
- Yellow (63%)
- Black (52%)



- Cyan (52%)
- Magenta (70%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B4D2D 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 7B4D2D by changing the saturation by 10% instead.



 7B4D2D

 7B4D2D

FFFFFF

 603617

 B27E5C

 472000

 CF9875

 2D0C00

 ECB38E

 0C0000

 FFCFA9

 000000

 FFEBC4

 FFFF00

FFFFFFD

 7B4D2D

 7B4D2D

■ 7B4621

■ 7B5439

■ 7B3E14

■ 7B5C46

■ 7B3708

■ 7B6352

■ 7B3200

■ 7B6A5E

■ 7B716B

■ 7B7977

■ 7B8083

■ 7B878F

■ 7B8E9C

# Harmonies

## Analogous

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



864541



7B4D2D



675624

# Triad

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



7B4D2D



006456



585284

# Complementary

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



7B4D2D



2D5B7B

# 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.



285B8A



7B4D2D



00646F

# Square

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



7B4D2D



2E623D



006182



764872

# Rectangle

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



7B4D2D



575B26



006182



4B5587



# Sweetspot

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



7B4D2D



A18F82



7B2D5C



52473F



D1D1D1



525252



# Same Dimension

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



7B4D2D



A15927



7B732D



3D3A37



7D3300



FC6800



# Inverse Universe

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



2D5B7B



276FA1



2D357B



373B3D



004A7D

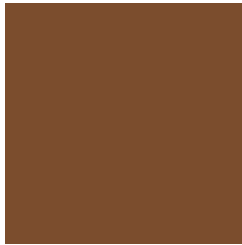


0095FC



# Previews

## White Background



This preview shows how the Hex color 7B4D2D looks on a white background.

## Color Contrast Check

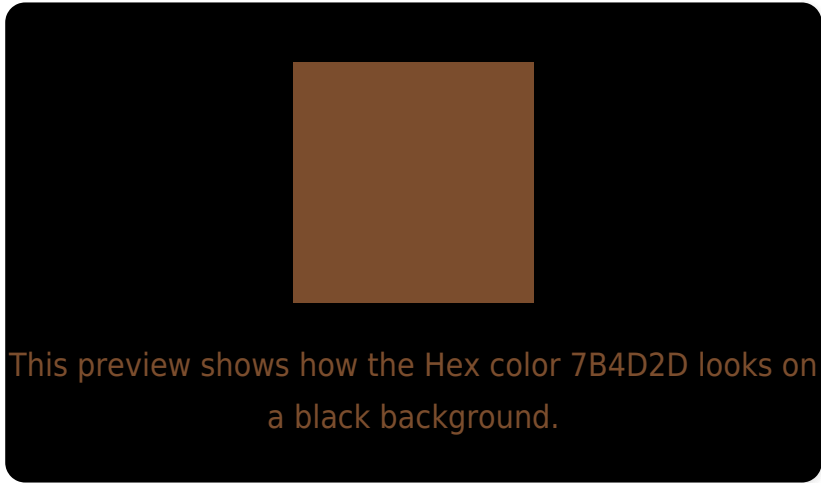
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B4D2D Background



This preview shows how black text looks on a background with the Hex color 7B4D2D.



This preview shows how white text looks on a background with the Hex color 7B4D2D.

# 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**  
7B4D2D

**Protanopia**  
615831

**Deuteranopia**  
6D542B



**Tritanopia**  
7D494E

# Trichromacy



**Original Color**  
7B4D2D

**Protanomaly**  
6A5430

**Deuteranomaly**  
72512C

**Tritanomaly**  
7C4A42

# Monochromacy



**Original Color**  
7B4D2D

**Achromatopsia**  
575757

**Achromatomaly**  
645348

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B4D2D 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 #7B4D2D looks like.

```
.text, #text, p{  
    color:#7B4D2D  
}
```

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 #7B4D2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B4D2D }  
}
```

## Border

The CSS property to change the border of an element to Hex 7B4D2D 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 #7B4D2D }  
}
```

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

```
.border{ border-color:#7B4D2D }
```

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

Here you see how a box with a 4 pixel #7B4D2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B4D2D; -webkit-box-shadow:4px 4px  
4px 4px #7B4D2D; box-shadow:4px 4px 4px  
4px #7B4D2D }
```

# Background

The CSS property to change the background color of an element to Hex 7B4D2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B4D2D }
```

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

```
.background{ background-color:#7B4D2D }
```

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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