

Converting Colors

Hex(7C4E2E)

Have a look what the booklet for
Hex(7C4E2E) contains.

Hex(7C4E2E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7C4E2E)

Conversions

Conversions Part 1

Format	Color
Hex	7C4E2E
RGB	124, 78, 46
RGB Percent	49%, 31%, 18%
CMY	0.5137, 0.6941, 0.8196
CMYK	0.00, 0.37, 0.63, 0.51
HSL	25°, 46%, 33%
HSV	25°, 63%, 49%
XYZ	11.5297, 9.9311, 3.8940
YIQ	88.1060, 37.6880, -0.2000

Conversions

Conversions Part 2

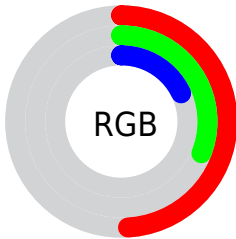
Format	Color
RYB	124, 100, 46
Decimal	8146478
CIELab	37.72, 15.97, 26.72
CIElCh	38, 31.131, 59.144
Yxy	9.9311, 0.4547, 0.3917
Android (android.graphics.Color)	4286336558 (0xFF7C4E2E)
YUV	88.1060, -20.7583, 31.4790
Hunter-Lab	31.5137, 10.1577, 14.7334

Details

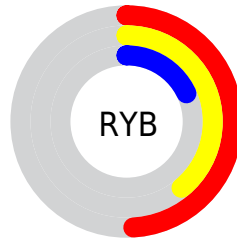
The Hex color **7C4E2E** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **2E5C7C**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **B37F5D**, and **482100** is the 20% darker color. If you saturate the color by 10%, you get **7C4722**, and if you desaturate by 10%, it is **7C553A**.

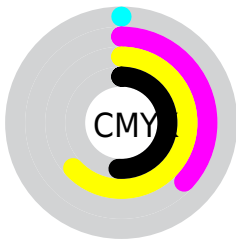
Distribution



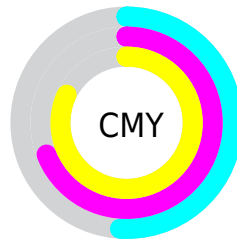
- Red (49%)
- Green (31%)
- Blue (18%)



- Red (49%)
- Yellow (39%)
- Blue (18%)



- Cyan (0%)
- Magenta (37%)
- Yellow (63%)
- Black (51%)



- Cyan (51%)
- Magenta (69%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C4E2E 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 7C4E2E by changing the saturation by 10% instead.

 7C4E2E

 7C4E2E

FFFFFF

 613718

 B37F5D

 482100

 D09976

 2E0D00

 EDB48F

 0F0000

 FFD0AA

 000000

 FFECC5

 FFFF E2

FFFFFFE

 7C4E2E

 7C4E2E

■ 7C4722

■ 7C553A

■ 7C3F15

■ 7C5D47

■ 7C3809

■ 7C6453

■ 7C3300

■ 7C6B60

■ 7C736C

■ 7C7A78

■ 7C8185

■ 7C8991

■ 7C909E

Harmonies

Analogous

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



874642



7C4E2E



685725

Triad

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



7C4E2E



006557



595285

Complementary

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



7C4E2E



2E5C7C

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.



2A5C8B



7C4E2E



006570

Square

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



7C4E2E



2F633E



006283



774973

Rectangle

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



7C4E2E



585C27



006283



4C5688

Sweetspot

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



7C4E2E



A18F82



7C2E5D



52473F



D1D1D1



525252

Same Dimension

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



7C4E2E



A15A28



7C742E



3D3A37



7D3300



FC6800

Inverse Universe

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



2E5C7C



286FA1



2E367C



373B3D



004A7D



0095FC

Previews

White Background



This preview shows how the Hex color 7C4E2E looks on a white background.

Color Contrast Check

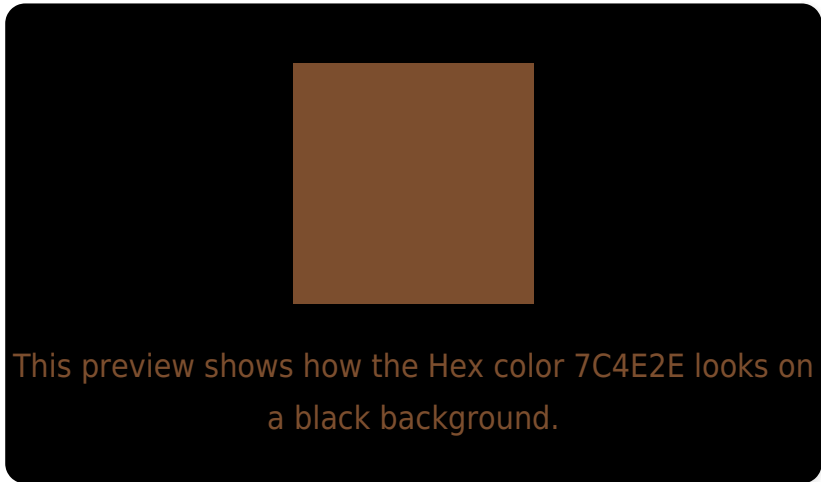
Large Text (above 18pt) WCAG AA ✓ Pass

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 7C4E2E Background



This preview shows how black text looks on a background with the Hex color 7C4E2E.



This preview shows how white text looks on a background with the Hex color 7C4E2E.

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
7C4E2E

Protanopia
625932

Deuteranopia
6E552C



Tritanopia
7E4A4F

Trichromacy



Original Color
7C4E2E

Protanomaly
6B5531

Deuteranomaly
73522D

Tritanomaly
7D4B43

Monochromacy



Original Color
7C4E2E

Achromatopsia
585858

Achromatomaly
655449

CSS Examples

Text

The CSS property to change the color of the text to Hex 7C4E2E 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 #7C4E2E looks like.

```
.text, #text, p{  
  color:#7C4E2E  
}
```

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 #7C4E2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C4E2E
}
```

Border

The CSS property to change the border of an element to Hex 7C4E2E is called "border". The border property can be set on classes, ids or directly on the HTML element.

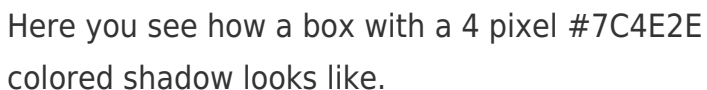
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7C4E2E }
```

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

```
.border{ border-color:#7C4E2E }
```

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



Here you see how a box with a 4 pixel #7C4E2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C4E2E; -webkit-box-shadow:4px 4px  
4px 4px #7C4E2E; box-shadow:4px 4px 4px  
4px #7C4E2E }
```

Background

The CSS property to change the background color of an element to Hex 7C4E2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C4E2E }
```

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

```
.background{ background-color:#7C4E2E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor