

# Converting Colors

Hex(7C4B22)

Have a look what the booklet for  
Hex(7C4B22) contains.

<b>Hex(7C4B22)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(7C4B22)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7C4B22
RGB	124, 75, 34
RGB Percent	49%, 29%, 13%
CMY	0.5137, 0.7059, 0.8667
CMYK	0.00, 0.40, 0.73, 0.51
HSL	27°, 57%, 31%
HSV	27°, 73%, 49%
XYZ	11.1170, 9.4327, 2.7481
YIQ	84.9770, 42.3650, -2.3630

# Conversions

## Conversions Part 2

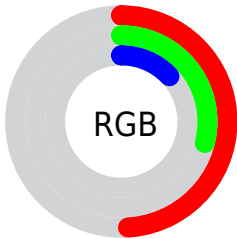
Format	Color
<a href="#">RYB</a>	<a href="#">124, 109, 34</a>
Decimal	<a href="#">8145698</a>
CIELab	<a href="#">36.80, 16.92, 32.38</a>
CIElCh	<a href="#">37, 36.529, 62.411</a>
Yxy	<a href="#">9.4327, 0.4772, 0.4049</a>
Android (android.graphics.Color)	<a href="#">4286335778</a> ( <a href="#">0xFF7C4B22</a> )
YUV	<a href="#">84.9770, -25.1317, 34.2232</a>
Hunter-Lab	<a href="#">30.7128, 10.8637, 16.1937</a>

# Details

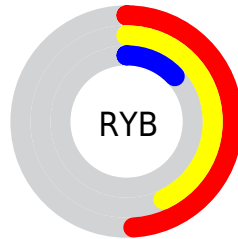
The Hex color **7C4B22** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **22537C**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **B47C50**, and **471E00** is the 20% darker color. If you saturate the color by 10%, you get **7C4416**, and if you desaturate by 10%, it is **7C522E**.

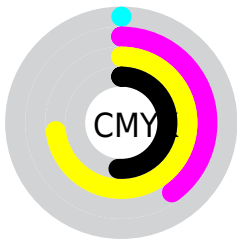
# Distribution



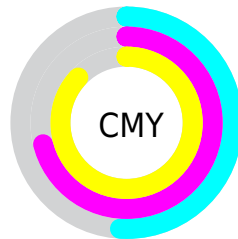
- Red (49%)
- Green (29%)
- Blue (13%)



- Red (49%)
- Yellow (43%)
- Blue (13%)



- Cyan (0%)
- Magenta (40%)
- Yellow (73%)
- Black (51%)



- Cyan (51%)
- Magenta (71%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C4B22 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 7C4B22 by changing the saturation by 10% instead.



 7C4B22

 7C4B22

FFFFFF

 61340B

 B47C50

 471E00

 D19669

 2D0900

 EEB183

 080000

 FFCC9D

 000000

 FFE8B8

 FFFFD4

 FFFFF0

 7C4B22

 7C4B22

■ 7C4416

■ 7C522E

■ 7C3D09

■ 7C593B

■ 7C3800

■ 7C5F47

■ 7C6654

■ 7C6D60

■ 7C746C

■ 7C7A79

■ 7C8185

■ 7C8892

# Harmonies

## Analogous

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



8A4039



7C4B22



645618

# Triad

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



7C4B22



006558



5B4E88

# Complementary

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



7C4B22



22537C

# 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.



1B5991



7C4B22



006475

# Square

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



7C4B22



1B633A



00618A



7C4272

# Rectangle

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



7C4B22



515C1C



00618A



4B528D



# Sweetspot

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



7C4B22



A18D7D



7C2253



52463C



D1D1D1



525252



# Same Dimension

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



7C4B22



A15515



7C7722



3D3A37



7D3900



FC7300



# Inverse Universe

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



22537C



1561A1



22267C



373A3D



00447D



0089FC



# Previews

## White Background



This preview shows how the Hex color 7C4B22 looks on a white background.

## Color Contrast Check

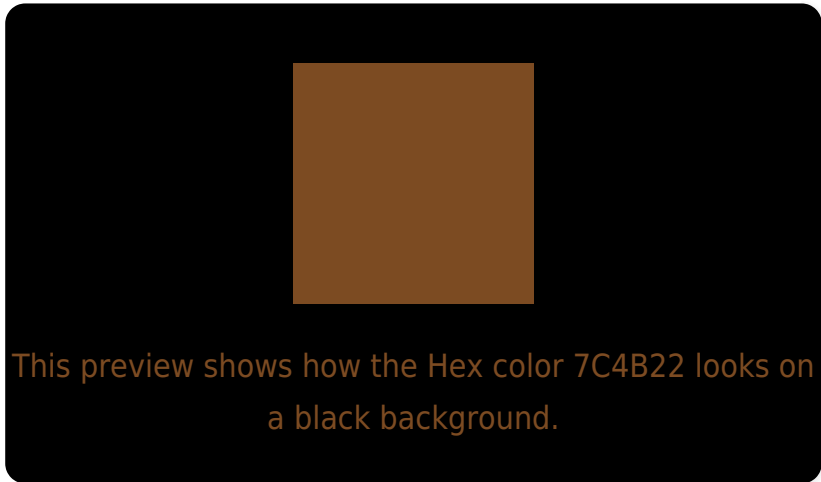
Large Text (above 18pt) WCAG AA ✓ Pass

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

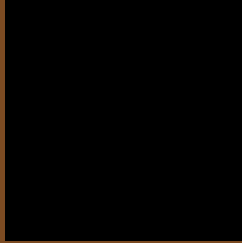
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7C4B22 Background



This preview shows how black text looks on a background with the Hex color 7C4B22.



This preview shows how white text looks on a background with the Hex color 7C4B22.

# 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**  
7C4B22

**Protanopia**  
615726

**Deuteranopia**  
6D5320



**Tritanopia**  
7E474C

# Trichromacy



**Original Color**  
7C4B22

**Protanomaly**  
6B5325

**Deuteranomaly**  
725021

**Tritanomaly**  
7D483D

# Monochromacy



**Original Color**  
7C4B22

**Achromatopsia**  
555555

**Achromatomaly**  
635142

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C4B22 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 #7C4B22 looks like.

```
.text, #text, p{  
    color:#7C4B22  
}
```

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 #7C4B22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C4B22
}
```

## Border

The CSS property to change the border of an element to Hex 7C4B22 is called "border". The border property can be set on classes, ids or directly on the HTML element.

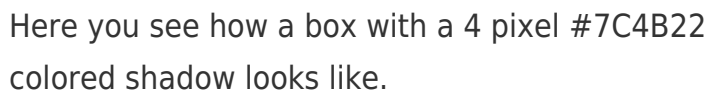
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7C4B22 }
```

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

```
.border{ border-color:#7C4B22 }
```

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



Here you see how a box with a 4 pixel #7C4B22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C4B22; -webkit-box-shadow:4px 4px  
4px 4px #7C4B22; box-shadow:4px 4px 4px  
4px #7C4B22 }
```

# Background

The CSS property to change the background color of an element to Hex 7C4B22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C4B22 }
```

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

```
.background{ background-color:#7C4B22 }
```

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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