

# Converting Colors

Hex(7C501D)

Have a look what the booklet for  
Hex(7C501D) contains.

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**Color**

**Hex(7C501D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7C501D
RGB	124, 80, 29
RGB Percent	49%, 31%, 11%
CMY	0.5137, 0.6863, 0.8863
CMYK	0.00, 0.35, 0.77, 0.51
HSL	32°, 62%, 30%
HSV	32°, 77%, 49%
XYZ	11.4026, 10.1111, 2.5131
YIQ	87.3420, 42.5950, -6.5330

# Conversions

## Conversions Part 2

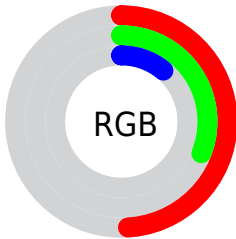
Format	Color
<a href="#">RYB</a>	<a href="#">111, 124, 29</a>
Decimal	<a href="#">8146973</a>
CIELab	<a href="#">38.04, 13.66, 36.23</a>
CIElCh	<a href="#">38, 38.722, 69.337</a>
Yxy	<a href="#">10.1111, 0.4746, 0.4208</a>
Android (android.graphics.Color)	<a href="#">4286337053</a> ( <a href="#">0xFF7C501D</a> )
YUV	<a href="#">87.3420, -28.7626, 32.1491</a>
Hunter-Lab	<a href="#">31.7980, 8.3628, 17.5728</a>

# Details

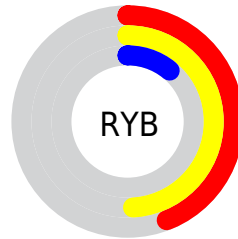
The Hex color **7C501D** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **1D497C**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **B4814C**, and **472300** is the 20% darker color. If you saturate the color by 10%, you get **7C4A11**, and if you desaturate by 10%, it is **7C5629**.

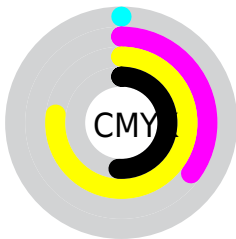
# Distribution



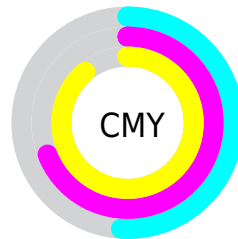
- Red (49%)
- Green (31%)
- Blue (11%)



- Red (44%)
- Yellow (49%)
- Blue (11%)



- Cyan (0%)
- Magenta (35%)
- Yellow (77%)
- Black (51%)



- Cyan (51%)
- Magenta (69%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C501D 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 7C501D by changing the saturation by 10% instead.



 7C501D

 7C501D

FFFFFF

 613904

 B4814C

 472300

 D19B65

 2D0F00

 EEB67E

 0D0000

 FFD299

 000000

 FFEEB4

 FFFF00

FFF000

 FFFF00

FFF000

 7C501D

 7C501D

■ 7C4A11

■ 7C5629

■ 7C4504

■ 7C5B36

■ 7C4300

■ 7C6142

■ 7C674F

■ 7C6D5B

■ 7C7267

■ 7C7874

■ 7C7E80

■ 7C848D

# Harmonies

## Analogous

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



8E4433



7C501D



615B16

# Triad

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



7C501D



006963



684D8A

# Complementary

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



7C501D



1D497C

# 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.



2F5A97



7C501D



006880

# Square

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



7C501D



006742



006394



874170

# Rectangle

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



7C501D



4C611F



006394



595290



# Sweetspot

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



7C501D



A1907C



7C1D49



52473B



D1D1D1



525252



# Same Dimension

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



7C501D



A15C0D



797C1D



3D3A37



7D4300



FC8800



# Inverse Universe

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



1D497C



0D51A1



201D7C



373A3D



003A7D



0075FC



# Previews

## White Background



This preview shows how the Hex color 7C501D looks on a white background.

## Color Contrast Check

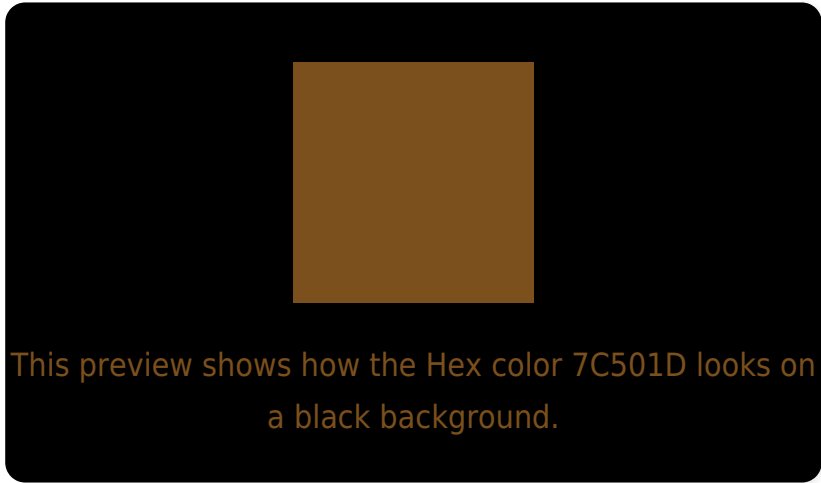
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 7C501D Background



This preview shows how black text looks on a background with the Hex color 7C501D.



This preview shows how white text looks on a background with the Hex color 7C501D.

# 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**  
7C501D

**Protanopia**  
655A20

**Deuteranopia**  
71551B



**Tritanopia**  
7F4B50

# Trichromacy



**Original Color**  
7C501D

**Protanomaly**  
6D561F

**Deuteranomaly**  
75531C

**Tritanomaly**  
7E4D3D

# Monochromacy



**Original Color**  
7C501D

**Achromatopsia**  
575757

**Achromatomaly**  
645442

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C501D 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 #7C501D looks like.

```
.text, #text, p{  
    color:#7C501D  
}
```

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 #7C501D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C501D
}
```

## Border

The CSS property to change the border of an element to Hex 7C501D 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
#7C501D }
```

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

```
.border{ border-color:#7C501D }
```

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

Here you see how a box with a 4 pixel #7C501D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C501D; -webkit-box-shadow:4px 4px  
4px 4px #7C501D; box-shadow:4px 4px 4px  
4px #7C501D }
```

# Background

The CSS property to change the background color of an element to Hex 7C501D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C501D }
```

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

```
.background{ background-color:#7C501D }
```

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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