

# Converting Colors

Hex(7F5C1D)

Have a look what the booklet for  
Hex(7F5C1D) contains.

<b>Hex(7F5C1D)</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(7F5C1D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F5C1D
RGB	127, 92, 29
RGB Percent	50%, 36%, 11%
CMY	0.5020, 0.6392, 0.8863
CMYK	0.00, 0.28, 0.77, 0.50
HSL	39°, 63%, 31%
HSV	39°, 77%, 50%
XYZ	12.8013, 12.2550, 2.8532
YIQ	95.2830, 41.0830, -12.1730

# Conversions

## Conversions Part 2

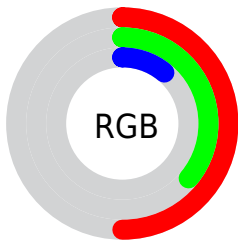
Format	Color
<b>R<sub>YB</sub></b>	83, 127, 29
Decimal	8346653
CIE <sub>Lab</sub>	41.62, 7.94, 39.94
CIE <sub>LCh</sub>	42, 40.720, 78.756
Yxy	12.2550, 0.4587, 0.4391
Android (android.graphics.Color)	4286536733 (0xFF7F5C1D)
YUV	95.2830, -32.6775, 27.8158
Hunter-Lab	35.0072, 4.0107, 19.6728

# Details

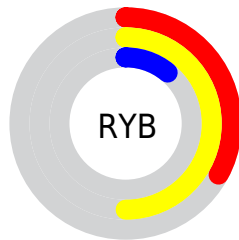
The Hex color **7F5C1D** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **1D407F**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **B78E4D**, and **4A2E00** is the 20% darker color. If you saturate the color by 10%, you get **7F5710**, and if you desaturate by 10%, it is **7F612A**.

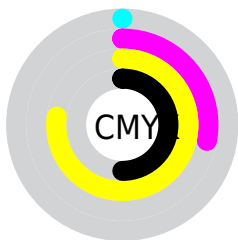
# Distribution



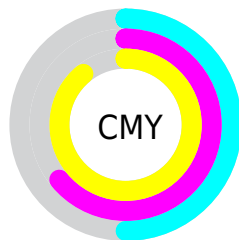
- Red (50%)
- Green (36%)
- Blue (11%)



- Red (33%)
- Yellow (50%)
- Blue (11%)



- Cyan (0%)
- Magenta (28%)
- Yellow (77%)
- Black (50%)



- Cyan (50%)
- Magenta (64%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F5C1D 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 7F5C1D by changing the saturation by 10% instead.



 7F5C1D

 7F5C1D

FFFFFF

 644503

 B78E4D

 4A2E00

 D4A866

 301A00

 F1C480

 180000

 FFDF9B

 000000

 FFFCB6

 FFFFD2

 FFFFEE

 7F5C1D

 7F5C1D

■ 7F5710

■ 7F612A

■ 7F5304

■ 7F6536

■ 7F5200

■ 7F6A43

■ 7F6E50

■ 7F735D

■ 7F7769

■ 7F7C76

■ 7F8083

■ 7F858F

# Harmonies

## Analogous

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



964F31



7F5C1D



60671E

# Triad

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



7F5C1D



007377



7E518F

# Complementary

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



7F5C1D



1D407F

# 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.



4D5EA2



7F5C1D



007094

# Square

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



7F5C1D



007254



006AA4



994570

# Rectangle

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



7F5C1D



476C2B



006AA4



715597



# Sweetspot

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



7F5C1D



A69880



7F1D41



544C3D



D4D4D4



545454



# Same Dimension

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



7F5C1D



A66F0C



727F1D



403D39



805200



000000



# Inverse Universe

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



1D407F



0C43A6



2A1D7F



393C40



002E80



000000



# Previews

## White Background



This preview shows how the Hex color 7F5C1D looks on a white background.

## Color Contrast Check

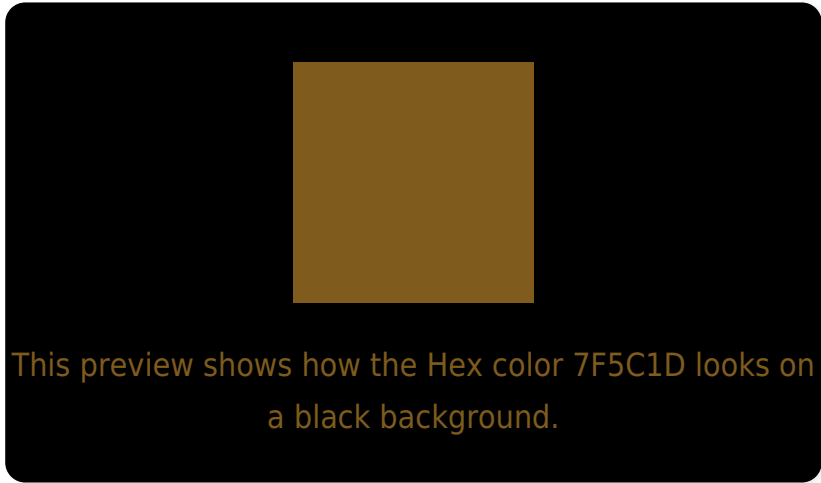
Large Text (above 18pt) WCAG AA ✓ Pass

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

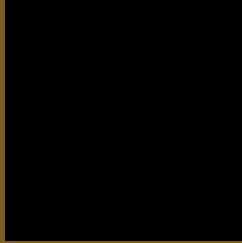
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7F5C1D Background



This preview shows how black text looks on a background with the Hex color 7F5C1D.



This preview shows how white text looks on a background with the Hex color 7F5C1D.

# 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**  
7F5C1D

**Protanopia**  
6E631F

**Deuteranopia**  
7C5E1C



**Tritanopia**  
83565C

# Trichromacy



**Original Color**  
7F5C1D

**Protanomaly**  
74601E

**Deuteranomaly**  
7D5D1C

**Tritanomaly**  
825845

# Monochromacy



**Original Color**  
7F5C1D

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
6B5E47

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F5C1D 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 #7F5C1D looks like.

```
.text, #text, p{  
    color:#7F5C1D  
}
```

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 #7F5C1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F5C1D }  
}
```

## Border

The CSS property to change the border of an element to Hex 7F5C1D 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 #7F5C1D }  
}
```

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

```
.border{ border-color:#7F5C1D }
```

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

Here you see how a box with a 4 pixel #7F5C1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F5C1D; -webkit-box-shadow:4px 4px  
4px 4px #7F5C1D; box-shadow:4px 4px 4px  
4px #7F5C1D }
```

# Background

The CSS property to change the background color of an element to Hex 7F5C1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F5C1D }
```

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

```
.background{ background-color:#7F5C1D }
```

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