

# Converting Colors

Hex(7F5911)

Have a look what the booklet for  
Hex(7F5911) contains.

|  |    |
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**Color**

**Hex(7F5911)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 7F5911                     |
| RGB           | 127, 89, 17                |
| RGB Percent   | 50%, 35%, 7%               |
| CMY           | 0.5020, 0.6510, 0.9333     |
| CMYK          | 0.00, 0.30, 0.87, 0.50     |
| HSL           | 39°, 76%, 28%              |
| HSV           | 39°, 87%, 50%              |
| XYZ           | 12.4260, 11.6973, 2.1332   |
| YIQ           | 92.1540, 45.7600, -14.3360 |

# Conversions

## Conversions Part 2

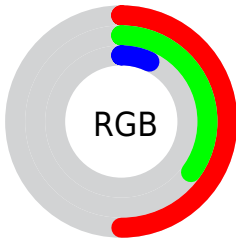
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 75, 127, 17                   |
| Decimal                             | 8345873                       |
| CIE Lab                             | 40.73, 9.24, 43.90            |
| CIE LCh                             | 41, 44.857, 78.117            |
| Yxy                                 | 11.6973, 0.4733,<br>0.4455    |
| Android<br>(android.graphics.Color) | 4286535953<br>(0xFF7F5911)    |
| YUV                                 | 92.1540, -37.0509,<br>30.5599 |
| Hunter-Lab                          | 34.2012, 5.0002,<br>20.2429   |

# Details

The Hex color **7F5911** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **11377F**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **B88B44**, and **492C00** is the 20% darker color. If you saturate the color by 10%, you get **7F5504**, and if you desaturate by 10%, it is **7F5D1E**.

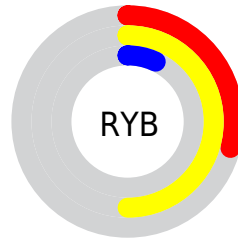
# Distribution



Red (50%)

Green (35%)

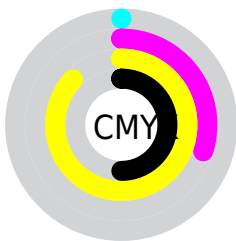
Blue (7%)



Red (29%)

Yellow (50%)

Blue (7%)

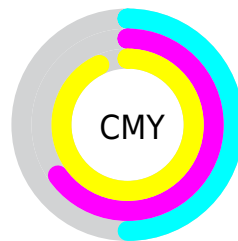


Cyan (0%)

Magenta (30%)

Yellow (87%)

Black (50%)



Cyan (50%)

Magenta (65%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F5911 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 7F5911 by changing the saturation by 10% instead.



 7F5911

 7F5911

FFFFFF

 644200

 B88B44

 492C00

 D5A55C

 2F1700

 F2C076

 170000

 FFDC90

 000000

 FFF8AB

 FFFFC7

 FFFFE4

 7F5911

 7F5911

■ 7F5504

■ 7F5D1E

■ 7F5300

■ 7F622A

■ 7F6637

■ 7F6B44

■ 7F6F51

■ 7F735D

■ 7F786A

■ 7F7C77

■ 7F8083

# Harmonies

## Analogous

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



974A2A



7F5911



5E6511

# Triad

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



7F5911



007176



7E4C91

# Complementary

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



7F5911



11377F

# 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.



445CA6



7F5911



006F96

# Square

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



7F5911



007150



0068A8



9B3F70

# Rectangle

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



7F5911



426B22



0068A8



6E529A



# Sweetspot

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



7F5911



A6977B



7F1137



544B3A



D4D4D4



545454



# Same Dimension

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



7F5911



A66C00



6E7F11



403E39



805300



000000



# Inverse Universe

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



11377F



0039A6



22117F



393C40



002C80

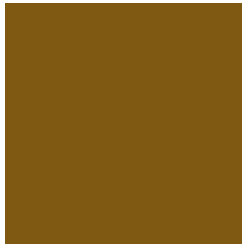


000000



# Previews

## White Background



This preview shows how the Hex color 7F5911 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

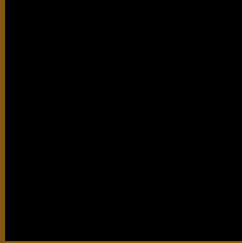
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7F5911 Background



This preview shows how black text looks on a background with the Hex color 7F5911.



This preview shows how white text looks on a background with the Hex color 7F5911.

# 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**  
7F5911

**Protanopia**  
6D6113

**Deuteranopia**  
7A5B0F



**Tritanopia**  
835359

# Trichromacy



**Original Color**  
7F5911

**Protanomaly**  
745E12

**Deuteranomaly**  
7C5A10

**Tritanomaly**  
82553F

# Monochromacy



**Original Color**  
7F5911

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
695B41

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F5911 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 #7F5911 looks like.

```
.text, #text, p{  
    color:#7F5911  
}
```

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 #7F5911 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F5911
}
```

## Border

The CSS property to change the border of an element to Hex 7F5911 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
#7F5911 }
```

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

```
.border{ border-color:#7F5911 }
```

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

Here you see how a box with a 4 pixel #7F5911 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F5911; -webkit-box-shadow:4px 4px  
4px 4px #7F5911; box-shadow:4px 4px 4px  
4px #7F5911 }
```

# Background

The CSS property to change the background color of an element to Hex 7F5911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F5911 }
```

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

```
.background{ background-color:#7F5911 }
```

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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