

# Converting Colors

Hex(7F5700)

Have a look what the booklet for  
Hex(7F5700) contains.

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**Color**

**Hex(7F5700)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F5700
RGB	127, 87, 0
RGB Percent	50%, 34%, 0%
CMY	0.5020, 0.6588, 1.0000
CMYK	0.00, 0.31, 1.00, 0.50
HSL	41°, 100%, 25%
HSV	41°, 100%, 50%
XYZ	12.1606, 11.3284, 1.5457
YIQ	89.0420, 51.7670, -18.5770

# Conversions

## Conversions Part 2

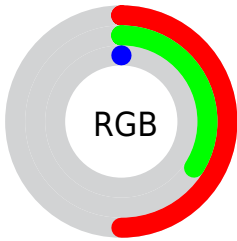
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	58, 127, 0
Decimal	8345344
CIE Lab	40.13, 10.01, 48.35
CIE LCh	40, 49.373, 78.297
Yxy	11.3284, 0.4857, 0.4525
Android (android.graphics.Color)	4286535424 (0xFF7F5700)
YUV	89.0420, -43.8977, 33.2892
Hunter-Lab	33.6577, 5.5914, 20.8376

# Details

The Hex color **7F5700** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **00287F**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **B88939**, and **492A00** is the 20% darker color. If you saturate the color by 10%, you get **7F5700**, and if you desaturate by 10%, it is **7F5B0D**.

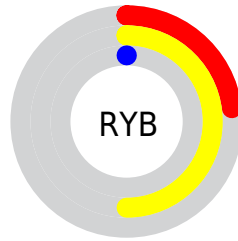
# Distribution



Red (50%)

Green (34%)

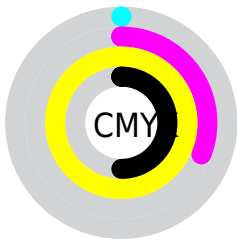
Blue (0%)



Red (23%)

Yellow (50%)

Blue (0%)

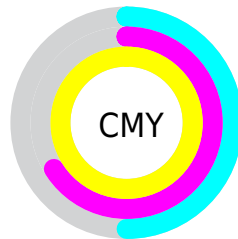


Cyan (0%)

Magenta (31%)

Yellow (100%)

Black (50%)



Cyan (50%)

Magenta (66%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F5700 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 7F5700 by changing the saturation by 10% instead.



 7F5700

 7F5700

 FFFFF5

 644000

 B88939

 492A00

 D5A352

 2F1600

 F3BE6C

 160000

 FFDA86

 000000

 FFF6A1

 FFFFBC

 FFFFD9

 7F5700

 7F5B0D

 7F5F19

 7F6326

 7F6733

 7F6B40

 7F6F4C

 7F7359

 7F7766

 7F7B72

# Harmonies

## Analogous

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



9A4623



7F5700



5B6400

# Triad

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



7F5700



007177



7F4895

# Complementary

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



7F5700



00287F

# 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.



3C5BAC



7F5700



006F9A

# Square

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



7F5700



00704D



0068AE



9F3870

# Rectangle

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



7F5700



3C6A18



0068AE



6E4F9E



# Sweetspot

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



7F5700



A69674



7F0028



544B36



D4D4D4



545454



# Same Dimension

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



7F5700



A67200



687F00



403E39



805700



000000



# Inverse Universe

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



00287F



0034A6



17007F



393B40



002880

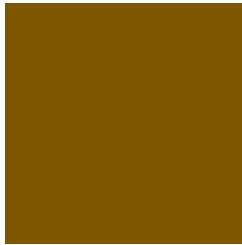


000000



# Previews

## White Background



This preview shows how the Hex color 7F5700 looks on a white background.

## Color Contrast Check

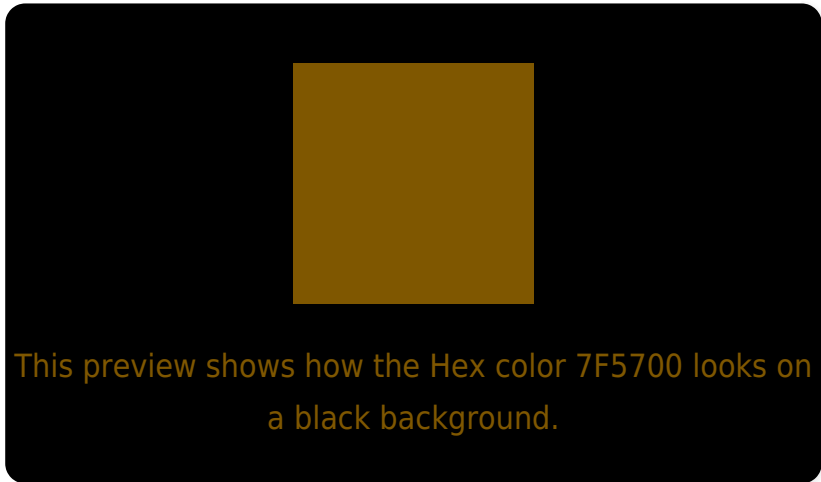
Large Text (above 18pt) WCAG AA ✓ Pass

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 7F5700 Background



This preview shows how black text looks on a background with the Hex color 7F5700.



This preview shows how white text looks on a background with the Hex color 7F5700.

# 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**  
7F5700

**Protanopia**  
6B5F08

**Deuteranopia**  
785A00



**Tritanopia**  
835157

# Trichromacy



**Original Color**  
7F5700

**Protanomaly**  
725C05

**Deuteranomaly**  
7B5900

**Tritanomaly**  
825337

# Monochromacy



**Original Color**  
7F5700

**Achromatopsia**  
595959

**Achromatomaly**  
675839

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F5700 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 #7F5700 looks like.

```
.text, #text, p{  
    color:#7F5700  
}
```

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 #7F5700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F5700
}
```

## Border

The CSS property to change the border of an element to Hex 7F5700 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
#7F5700 }
```

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

```
.border{ border-color:#7F5700 }
```

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

Here you see how a box with a 4 pixel #7F5700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F5700; -webkit-box-shadow:4px 4px  
4px 4px #7F5700; box-shadow:4px 4px 4px  
4px #7F5700 }
```

# Background

The CSS property to change the background color of an element to Hex 7F5700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F5700 }
```

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

```
.background{ background-color:#7F5700 }
```

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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