

Converting Colors

Hex(7C4700)

Have a look what the booklet for
Hex(7C4700) contains.

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Color

Hex(7C4700)

Conversions

Conversions Part 1

Format	Color
Hex	7C4700
RGB	124, 71, 0
RGB Percent	49%, 28%, 0%
CMY	0.5137, 0.7216, 1.0000
CMYK	0.00, 0.43, 1.00, 0.51
HSL	34°, 100%, 24%
HSV	34°, 100%, 49%
XYZ	10.5654, 8.7916, 1.1401
YIQ	78.7530, 54.3790, -10.8450

Conversions

Conversions Part 2

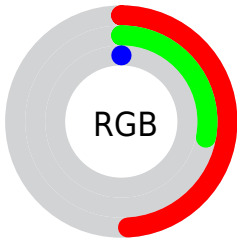
Format	Color
R_{YB}	93, 124, 0
Decimal	8144640
CIE Lab	35.58, 18.08, 45.18
CIE LCh	36, 48.661, 68.185
Yxy	8.7916, 0.5155, 0.4289
Android (android.graphics.Color)	4286334720 (0xFF7C4700)
YUV	78.7530, -38.8252, 39.6816
Hunter-Lab	29.6506, 11.7166, 18.4757

Details

The Hex color **7C4700** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **00357C**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **B57835**, and **451B00** is the 20% darker color. If you saturate the color by 10%, you get **7C4700**, and if you desaturate by 10%, it is **7C4C0C**.

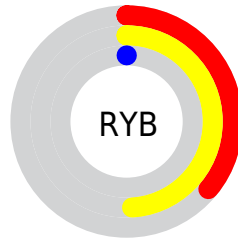
Distribution



Red (49%)

Green (28%)

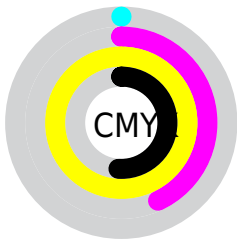
Blue (0%)



Red (36%)

Yellow (49%)

Blue (0%)

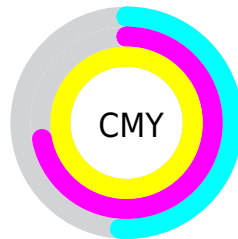


Cyan (0%)

Magenta (43%)

Yellow (100%)

Black (51%)



Cyan (51%)

Magenta (72%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C4700 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 7C4700 by changing the saturation by 10% instead.

 7C4700

 7C4700

 FFFFEF

 613000

 B57835

 451B00

 D3914E

 2B0500

 F1AC67

 000000

 FFC781

 FFE39B

 FFFFB7

 FFFF D3

 7C4700

 7C4C0C

 7C5219

 7C5725

 7C5C32

 7C623E

 7C674A

 7C6C57

 7C7163

 7C7770

Harmonies

Analogous

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



923525



7C4700



5C5500

Triad

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



7C4700



00655E



624491

Complementary

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



7C4700



00357C

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.



0055A1



7C4700



006483

Square

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



7C4700



006335



00609C



8A3171

Rectangle

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



7C4700



415C00



00609C



4C4A99

Sweetspot

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



7C4700



A18C70



7C0036



524534



D1D1D1



525252

Same Dimension

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



7C4700



A15C00



747C00



3D3B37



7D4800



FC9100

Inverse Universe

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



00357C



0045A1



08007C



373A3D



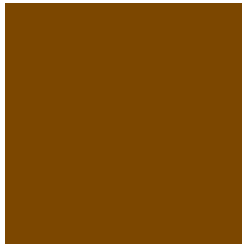
00357D



006CFC

Previews

White Background



This preview shows how the Hex color 7C4700 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

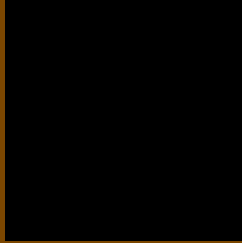
Any Text WCAG AA × Fail

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 7C4700 Background



This preview shows how black text looks on a background with the Hex color 7C4700.



This preview shows how white text looks on a background with the Hex color 7C4700.

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
7C4700

Protanopia
5F550A

Deuteranopia
6B5000



Tritanopia
7E4247

Trichromacy



Original Color
7C4700

Protanomaly
6A5006

Deuteranomaly
714D00

Tritanomaly
7D442D

Monochromacy



Original Color
7C4700

Achromatopsia
4F4F4F

Achromatomaly
5F4C32

CSS Examples

Text

The CSS property to change the color of the text to Hex 7C4700 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 #7C4700 looks like.

```
.text, #text, p{  
    color:#7C4700  
}
```

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 #7C4700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C4700
}
```

Border

The CSS property to change the border of an element to Hex 7C4700 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
#7C4700 }
```

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

```
.border{ border-color:#7C4700 }
```

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

Here you see how a box with a 4 pixel #7C4700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C4700; -webkit-box-shadow:4px 4px  
4px 4px #7C4700; box-shadow:4px 4px 4px  
4px #7C4700 }
```

Background

The CSS property to change the background color of an element to Hex 7C4700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C4700 }
```

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

```
.background{ background-color:#7C4700 }
```

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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