

# Converting Colors

Hex(7C4A00)

Have a look what the booklet for  
Hex(7C4A00) contains.

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**Color**

**Hex(7C4A00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7C4A00
RGB	124, 74, 0
RGB Percent	49%, 29%, 0%
CMY	0.5137, 0.7098, 1.0000
CMYK	0.00, 0.40, 1.00, 0.51
HSL	36°, 100%, 24%
HSV	36°, 100%, 49%
XYZ	10.7610, 9.1826, 1.2053
YIQ	80.5140, 53.5540, -12.4140

# Conversions

## Conversions Part 2

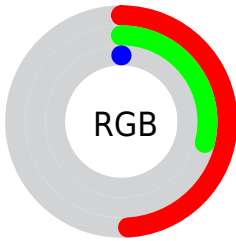
<b>Format</b>	<b>Color</b>
<b>RYB</b>	84, 124, 0
Decimal	8145408
CIELab	36.33, 16.31, 45.66
CIELCh	36, 48.483, 70.344
Yxy	9.1826, 0.5088, 0.4342
Android (android.graphics.Color)	4286335488 (0xFF7C4A00)
YUV	80.5140, -39.6934, 38.1372
Hunter-Lab	30.3029, 10.3577, 18.8538

# Details

The Hex color **7C4A00** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **00327C**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **B57B36**, and **451E00** is the 20% darker color. If you saturate the color by 10%, you get **7C4A00**, and if you desaturate by 10%, it is **7C4F0C**.

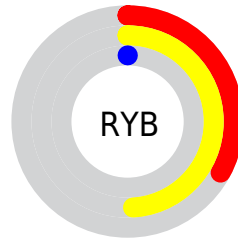
# Distribution



Red (49%)

Green (29%)

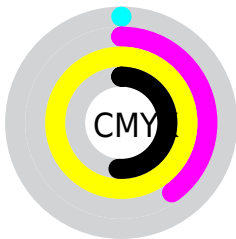
Blue (0%)



Red (33%)

Yellow (49%)

Blue (0%)

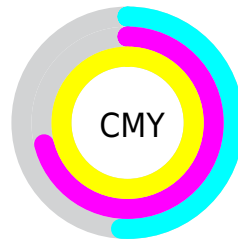


Cyan (0%)

Magenta (40%)

Yellow (100%)

Black (51%)



Cyan (51%)

Magenta (71%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C4A00 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 7C4A00 by changing the saturation by 10% instead.



 7C4A00

 7C4A00

 FFFFF0

 613300

 B57B36

 451E00

 D3954E

 2B0900

 F1AF68

 010000

 FFCB82

 000000

 FFE79C

 FFFF88

 FFFF88

 7C4A00

 7C4F0C

 7C5419

 7C5925

 7C5E32

 7C633E

 7C684A

 7C6D57

 7C7263

 7C7770

# Harmonies

## Analogous

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



933825



7C4A00



5B5800

# Triad

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



7C4A00



006762



684591

# Complementary

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



7C4A00



00327C

# 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.



0056A3



7C4A00



006687

# Square

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



7C4A00



00663A



00619F



8E3271

# Rectangle

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



7C4A00



405E03



00619F



544B99



# Sweetspot

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



7C4A00



A18D70



7C0034



524634



D1D1D1



525252



# Same Dimension

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



7C4A00



A16000



727C00



3D3B37



7D4B00



FC9700



# Inverse Universe

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



00327C



0041A1



0A007C



373A3D



00327D



0066FC



# Previews

## White Background



This preview shows how the Hex color 7C4A00 looks on a white background.

## Color Contrast Check

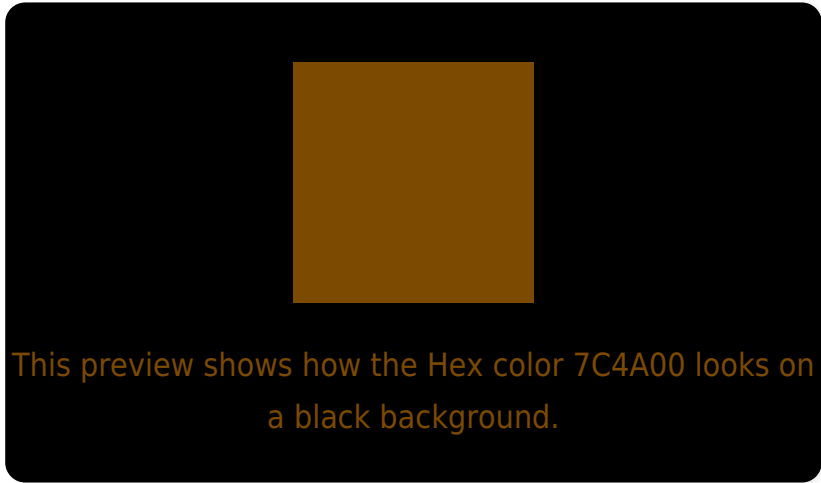
Large Text (above 18pt) WCAG AA ✓ Pass

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 7C4A00 Background



This preview shows how black text looks on a background with the Hex color 7C4A00.



This preview shows how white text looks on a background with the Hex color 7C4A00.

# 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**  
7C4A00

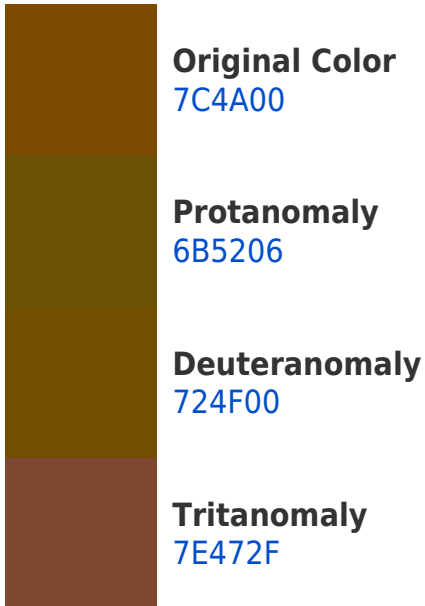
**Protanopia**  
615609

**Deuteranopia**  
6D5200

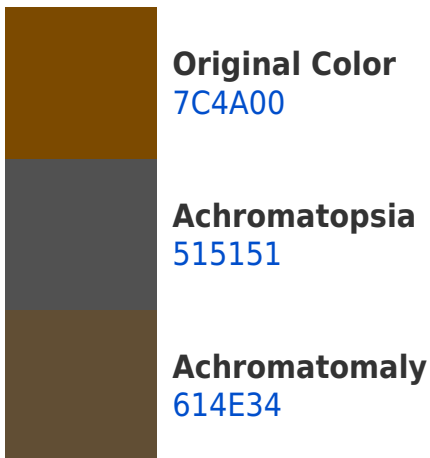


**Tritanopia**  
7F454A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C4A00 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 #7C4A00 looks like.

```
.text, #text, p{  
    color:#7C4A00  
}
```

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 #7C4A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C4A00  
}
```

## Border

The CSS property to change the border of an element to Hex 7C4A00 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  
#7C4A00 }
```

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

```
.border{ border-color:#7C4A00 }
```

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

Here you see how a box with a 4 pixel #7C4A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C4A00; -webkit-box-shadow:4px 4px  
4px 4px #7C4A00; box-shadow:4px 4px 4px  
4px #7C4A00 }
```

# Background

The CSS property to change the background color of an element to Hex 7C4A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C4A00 }
```

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

```
.background{ background-color:#7C4A00 }
```

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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