

# Converting Colors

Hex(774513)

Have a look what the booklet for  
Hex(774513) contains.

<b>Hex(774513)</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(774513)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	774513
RGB	119, 69, 19
RGB Percent	47%, 27%, 7%
CMY	0.5333, 0.7294, 0.9255
CMYK	0.00, 0.42, 0.84, 0.53
HSL	30°, 72%, 27%
HSV	30°, 84%, 47%
XYZ	9.8534, 8.2252, 1.6844
YIQ	78.2500, 45.8500, -4.9500

# Conversions

## Conversions Part 2

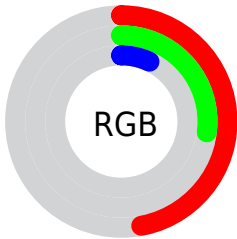
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 119, 19
Decimal	7816467
CIE Lab	34.45, 17.44, 37.14
CIE LCh	34, 41.034, 64.853
Yxy	8.2252, 0.4986, 0.4162
Android (android.graphics.Color)	4286006547 (0xFF774513)
YUV	78.2500, -29.2102, 35.7377
Hunter-Lab	28.6796, 11.1377, 16.5936

# Details

The Hex color **774513** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **134577**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **AF7642**, and **411900** is the 20% darker color. If you saturate the color by 10%, you get **773F07**, and if you desaturate by 10%, it is **774B1F**.

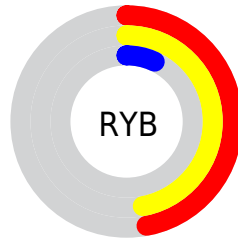
# Distribution



Red (47%)

Green (27%)

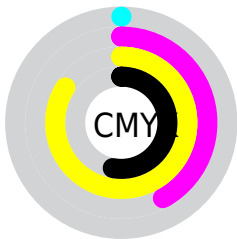
Blue (7%)



Red (47%)

Yellow (47%)

Blue (7%)

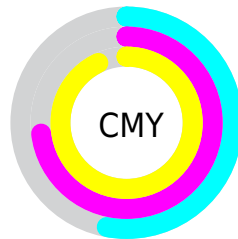


Cyan (0%)

Magenta (42%)

Yellow (84%)

Black (53%)



Cyan (53%)

Magenta (73%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 774513 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 774513 by changing the saturation by 10% instead.



 774513

 774513

FFFFFFD

 5C2E00

 AF7642

 411900

 CC8F5A

 280200

 EAAA74

 000000

 FFC58E

 FFE1A8

 FFFEC4

 FFFFEO

 774513

 774513

■ 773F07

■ 774B1F

■ 773B00

■ 77512B

■ 775737

■ 775D43

■ 77634E

■ 77695A

■ 776F66

■ 777572

■ 777B7E

# Harmonies

## Analogous

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



88382E



774513



5D5105

# Triad

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



774513



006056



594687

# Complementary

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



774513



134577

# 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.



005392



774513



006076

# Square

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



774513



005E34



005C8C



7C386D

# Rectangle

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



774513



47570E



005C8C



464B8D



# Sweetspot

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



774513



9C8875



771345



4F4337



CFCFCF



4F4F4F



# Same Dimension

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



774513



9C4E00



777713



3B3835



7A3D00



FA7D00



# Inverse Universe

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



134577



004E9C



131377



35383B



003D7A



007DFA



# Previews

## White Background



This preview shows how the Hex color 774513 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 774513 Background



This preview shows how black text looks on a background with the Hex color 774513.



This preview shows how white text looks on a background with the Hex color 774513.

# 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**  
774513

**Protanopia**  
5C5216

**Deuteranopia**  
674D0F



**Tritanopia**  
794045

# Trichromacy



**Original Color**  
774513

**Protanomaly**  
664D15

**Deuteranomaly**  
6D4A10

**Tritanomaly**  
784233

# Monochromacy



**Original Color**  
774513

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
5D4B39

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 774513 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 #774513 looks like.

```
.text, #text, p{  
    color:#774513  
}
```

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 #774513 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #774513
}
```

## Border

The CSS property to change the border of an element to Hex 774513 is called "border". The border property can be set on classes, ids or directly on the HTML element.

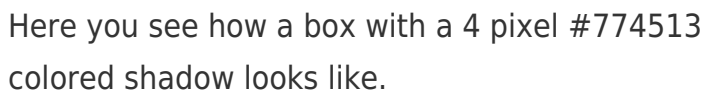
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#774513 }
```

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

```
.border{ border-color:#774513 }
```

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



Here you see how a box with a 4 pixel #774513 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #774513; -webkit-box-shadow:4px 4px  
4px 4px #774513; box-shadow:4px 4px 4px  
4px #774513 }
```

# Background

The CSS property to change the background color of an element to Hex 774513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#774513 }
```

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

```
.background{ background-color:#774513 }
```

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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