

# Converting Colors

Hex(77450D)

Have a look what the booklet for  
Hex(77450D) contains.

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**Color**

**Hex(77450D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	77450D
RGB	119, 69, 13
RGB Percent	47%, 27%, 5%
CMY	0.5333, 0.7294, 0.9490
CMYK	0.00, 0.42, 0.89, 0.53
HSL	32°, 80%, 26%
HSV	32°, 89%, 47%
XYZ	9.8085, 8.2072, 1.4480
YIQ	77.5660, 47.7760, -6.8160

# Conversions

## Conversions Part 2

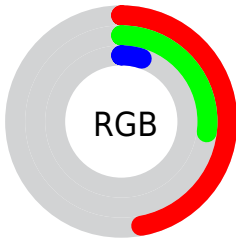
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	108, 119, 13
Decimal	7816461
CIE Lab	34.41, 17.24, 39.53
CIE LCh	34, 43.127, 66.440
Yxy	8.2072, 0.5039, 0.4217
Android (android.graphics.Color)	4286006541 (0xFF77450D)
YUV	77.5660, -31.8310, 36.3376
Hunter-Lab	28.6483, 10.9798, 17.0571

# Details

The Hex color **77450D** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0D3F77**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **B0763D**, and **411900** is the 20% darker color. If you saturate the color by 10%, you get **773F01**, and if you desaturate by 10%, it is **774B19**.

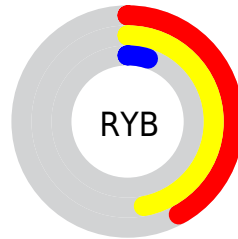
# Distribution



Red (47%)

Green (27%)

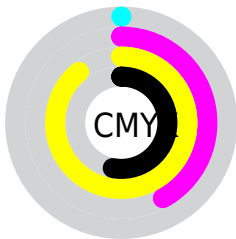
Blue (5%)



Red (42%)

Yellow (47%)

Blue (5%)

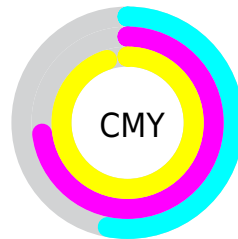


Cyan (0%)

Magenta (42%)

Yellow (89%)

Black (53%)



Cyan (53%)

Magenta (73%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 77450D 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 77450D by changing the saturation by 10% instead.



 77450D

 77450D

 FFFFF8

 5C2E00

 B0763D

 411900

 CD8F56

 280200

 EAAA6F

 000000

 FFC589

 FFE1A3

 FFFEBF

 FFFFDB

 77450D

 77450D

■ 773F01

■ 774B19

■ 773F00

■ 775025

■ 775631

■ 775B3D

■ 776148

■ 776754

■ 776C60

■ 77726C

■ 777878

# Harmonies

## Analogous

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



8A362A



77450D



5B5200

# Triad

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



77450D



006158



5B4488

# Complementary

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



77450D



0D3F77

# 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.



005395



77450D



006079

# Square

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



77450D



005F34



005C90



80356D

# Rectangle

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



77450D



445809



005C90



484A8F



# Sweetspot

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



77450D



9C8872



770D40



4F4336



CFCFCF



4F4F4F



# Same Dimension

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



77450D



9C5200



75770D



3B3835



7A4100



FA8400



# Inverse Universe

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



0D3F77



00499C



0F0D77



35383B



003A7A



0076FA



# Previews

## White Background



This preview shows how the Hex color 77450D 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

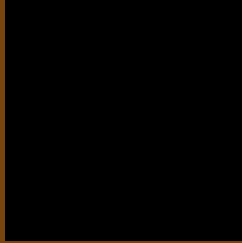
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 77450D Background



This preview shows how black text looks on a background with the Hex color 77450D.



This preview shows how white text looks on a background with the Hex color 77450D.

# 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**  
77450D

**Protanopia**  
5C5210

**Deuteranopia**  
674D02



**Tritanopia**  
794045

# Trichromacy



**Original Color**  
77450D

**Protanomaly**  
664D0F

**Deuteranomaly**  
6D4A06

**Tritanomaly**  
784231

# Monochromacy



**Original Color**  
77450D

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
5D4B36

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 77450D 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 #77450D looks like.

```
.text, #text, p{  
    color:#77450D  
}
```

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 #77450D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77450D
}
```

## Border

The CSS property to change the border of an element to Hex 77450D 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
#77450D }
```

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

```
.border{ border-color:#77450D }
```

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

Here you see how a box with a 4 pixel #77450D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77450D; -webkit-box-shadow:4px 4px  
4px 4px #77450D; box-shadow:4px 4px 4px  
4px #77450D }
```

# Background

The CSS property to change the background color of an element to Hex 77450D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77450D }
```

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

```
.background{ background-color:#77450D }
```

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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