

# Converting Colors

Hex(77510E)

Have a look what the booklet for  
Hex(77510E) contains.

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**Color**

**Hex(77510E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	77510E
RGB	119, 81, 14
RGB Percent	47%, 32%, 5%
CMY	0.5333, 0.6824, 0.9451
CMYK	0.00, 0.32, 0.88, 0.53
HSL	38°, 79%, 26%
HSV	38°, 88%, 47%
XYZ	10.6294, 9.8385, 1.7543
YIQ	84.7240, 44.1550, -12.7810

# Conversions

## Conversions Part 2

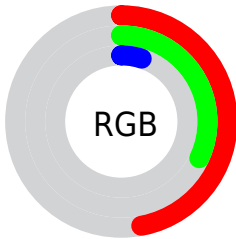
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	74, 119, 14
Decimal	7819534
CIE <sub>Lab</sub>	37.55, 10.07, 41.82
CIE <sub>LCh</sub>	38, 43.012, 76.458
Yxy	9.8385, 0.4783, 0.4427
Android (android.graphics.Color)	4286009614 (0xFF77510E)
YUV	84.7240, -34.8669, 30.0601
Hunter-Lab	31.3664, 5.5989, 18.6405

# Details

The Hex color **77510E** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **0E3477**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **AF8240**, and **422500** is the 20% darker color. If you saturate the color by 10%, you get **774D02**, and if you desaturate by 10%, it is **77551A**.

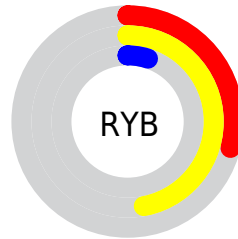
# Distribution



Red (47%)

Green (32%)

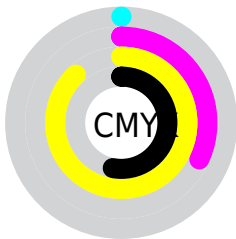
Blue (5%)



Red (29%)

Yellow (47%)

Blue (5%)

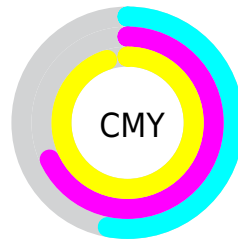


Cyan (0%)

Magenta (32%)

Yellow (88%)

Black (53%)



Cyan (53%)

Magenta (68%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 77510E 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 77510E by changing the saturation by 10% instead.



 77510E

 77510E

FFFFFFC

 5C3A00

 AF8240

 422500

 CC9C59

 281100

 E9B772

 000000

 FFD38C

 FFEFA7

 FFFFC3

 FFFFDF

 77510E

 77510E

■ 774D02

■ 77551A

■ 774C00

■ 775A26

■ 775E32

■ 77623E

■ 77674A

■ 776B55

■ 776F61

■ 77736D

■ 777879

# Harmonies

## Analogous

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



8E4327



77510E



585D0C

# Triad

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



77510E



00696B



724789

# Complementary

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



77510E



0E3477

# 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.



39569B



77510E



00678A

# Square

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



77510E



006847



00619C



8F396A

# Rectangle

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



77510E



3E621B



00619C



634C91



# Sweetspot

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



77510E



9C8D73



770E35



4F4637



CFCFCF



4F4F4F



# Same Dimension

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



77510E



9C6300



69770E



3B3935



7A4E00



FA9F00



# Inverse Universe

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



0E3477



00389C



1C0E77



35373B



002C7A

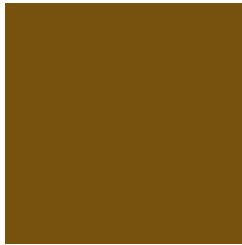


005AFA



# Previews

## White Background



This preview shows how the Hex color 77510E looks on a white background.

## Color Contrast Check

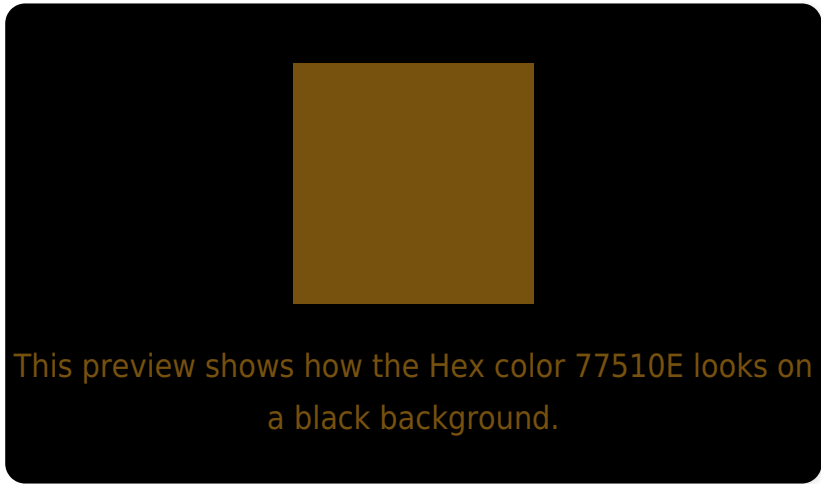
Large Text (above 18pt) WCAG AA ✓ Pass

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 77510E Background



This preview shows how black text looks on a background with the Hex color 77510E.



This preview shows how white text looks on a background with the Hex color 77510E.

# 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**  
77510E

**Protanopia**  
645910

**Deuteranopia**  
70540B

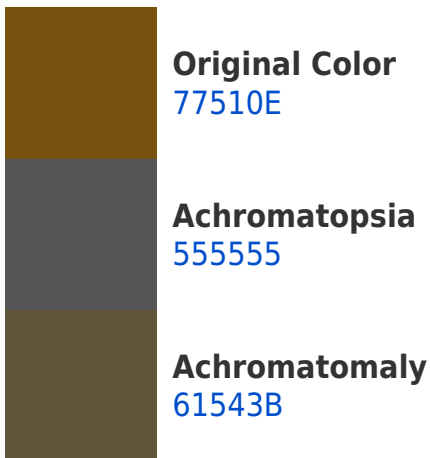


**Tritanopia**  
7A4B51

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 77510E 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 #77510E looks like.

```
.text, #text, p{  
    color:#77510E  
}
```

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 #77510E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77510E
}
```

## Border

The CSS property to change the border of an element to Hex 77510E is called "border". The border property can be set on classes, ids or directly on the HTML element.

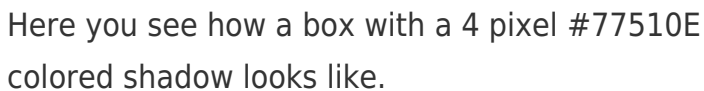
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#77510E }
```

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

```
.border{ border-color:#77510E }
```

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



Here you see how a box with a 4 pixel #77510E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77510E; -webkit-box-shadow:4px 4px  
4px 4px #77510E; box-shadow:4px 4px 4px  
4px #77510E }
```

# Background

The CSS property to change the background color of an element to Hex 77510E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77510E }
```

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

```
.background{ background-color:#77510E }
```

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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