

# Converting Colors

Hex(76450E)

Have a look what the booklet for  
Hex(76450E) contains.

<b>Hex(76450E)</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(76450E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	76450E
RGB	118, 69, 14
RGB Percent	46%, 27%, 5%
CMY	0.5373, 0.7294, 0.9451
CMYK	0.00, 0.42, 0.88, 0.54
HSL	32°, 79%, 26%
HSV	32°, 88%, 46%
XYZ	9.6786, 8.1395, 1.4764
YIQ	77.3810, 46.8590, -6.7170

# Conversions

## Conversions Part 2

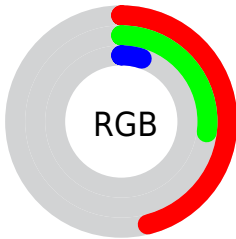
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 118, 14
Decimal	7750926
CIE <sub>Lab</sub>	34.27, 16.80, 38.98
CIE <sub>LCh</sub>	34, 42.448, 66.689
Yxy	8.1395, 0.5016, 0.4219
Android (android.graphics.Color)	4285941006 (0xFF76450E)
YUV	77.3810, -31.2468, 35.6229
Hunter-Lab	28.5298, 10.6281, 16.9026

# Details

The Hex color **76450E** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0E3F76**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **AE753E**, and **401900** is the 20% darker color. If you saturate the color by 10%, you get **763F02**, and if you desaturate by 10%, it is **764B1A**.

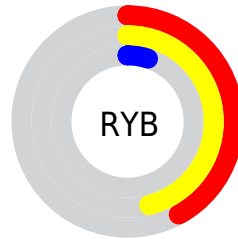
# Distribution



Red (46%)

Green (27%)

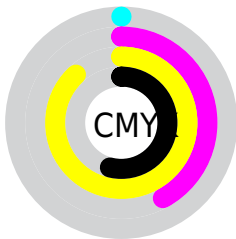
Blue (5%)



Red (42%)

Yellow (46%)

Blue (5%)

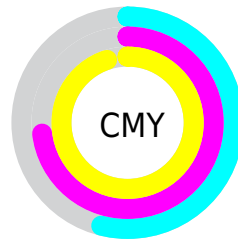


Cyan (0%)

Magenta (42%)

Yellow (88%)

Black (54%)



Cyan (54%)

Magenta (73%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76450E 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 76450E by changing the saturation by 10% instead.



 76450E

 76450E

 FFFFFFF8

 5B2E00

 AE753E

 401900

 CC8F56

 270200

 E9AA70

 000000

 FFC589

 FFE1A4

 FFFEC0

 FFFFDC

 76450E

 76450E

■ 763F02

■ 764B1A

■ 763E00

■ 765026

■ 765631

■ 765B3D

■ 766149

■ 766655

■ 766C61

■ 76716C

■ 767778

# Harmonies

## Analogous

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



88372A



76450E



5A5100

# Triad

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



76450E



006057



5B4487

# Complementary

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



76450E



0E3F76

# 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.



005294



76450E



006078

# Square

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



76450E



005F34



005B8E



7F356C

# Rectangle

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



76450E



44580B



005B8E



49498D



# Sweetspot

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



76450E



998671



760E40



4D4135



CCCCCC



4D4D4D



# Same Dimension

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



76450E



995100



74760E



3B3835



7A4100



FA8400



# Inverse Universe

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



0E3F76



004899



100E76



35383B



003A7A

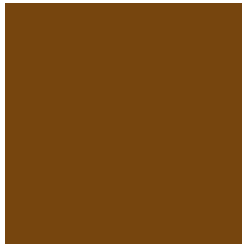


0076FA



# Previews

## White Background



This preview shows how the Hex color 76450E looks on a white background.

## Color Contrast Check

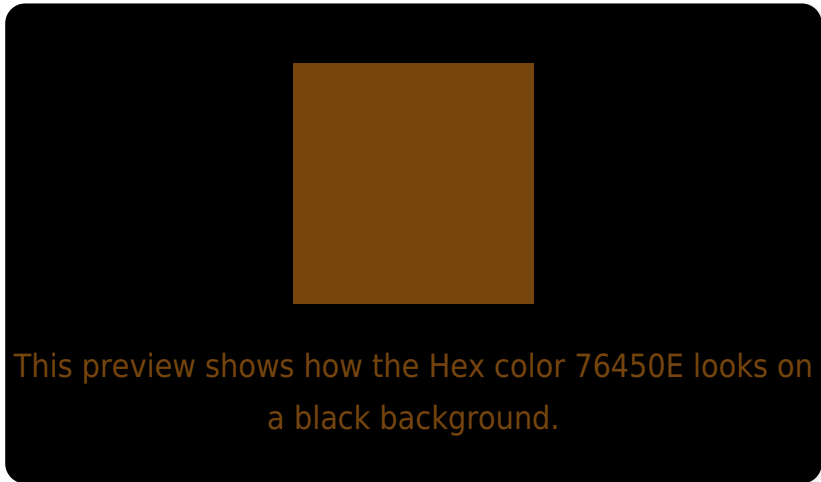
Large Text (above 18pt) WCAG AA ✓ Pass

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 76450E Background



This preview shows how black text looks on a background with the Hex color 76450E.



This preview shows how white text looks on a background with the Hex color 76450E.

# 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**  
76450E

**Protanopia**  
5B5111

**Deuteranopia**  
674D07



**Tritanopia**  
784045

# Trichromacy



**Original Color**  
76450E

**Protanomaly**  
654D10

**Deuteranomaly**  
6C4A0A

**Tritanomaly**  
774231

# Monochromacy



**Original Color**  
76450E

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
5C4A36

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76450E 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 #76450E looks like.

```
.text, #text, p{  
    color:#76450E  
}
```

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 #76450E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76450E
}
```

## Border

The CSS property to change the border of an element to Hex 76450E is called "border". The border property can be set on classes, ids or directly on the HTML element.

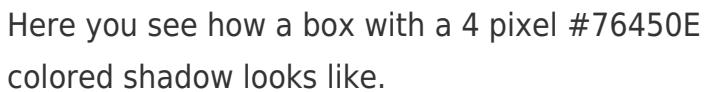
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#76450E }
```

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

```
.border{ border-color:#76450E }
```

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



Here you see how a box with a 4 pixel #76450E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76450E; -webkit-box-shadow:4px 4px  
4px 4px #76450E; box-shadow:4px 4px 4px  
4px #76450E }
```

# Background

The CSS property to change the background color of an element to Hex 76450E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76450E }
```

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

```
.background{ background-color:#76450E }
```

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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