

Converting Colors

Hex(79450E)

Have a look what the booklet for
Hex(79450E) contains.

Hex(79450E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(79450E)

Conversions

Conversions Part 1

Format	Color
Hex	79450E
RGB	121, 69, 14
RGB Percent	47%, 27%, 5%
CMY	0.5255, 0.7294, 0.9451
CMYK	0.00, 0.43, 0.88, 0.53
HSL	31°, 79%, 26%
HSV	31°, 88%, 47%
XYZ	10.0925, 8.3529, 1.4958
YIQ	78.2780, 48.6470, -6.0810

Conversions

Conversions Part 2

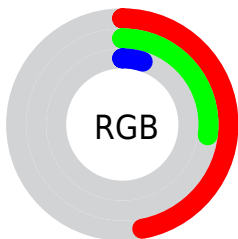
Format	Color
R_{YB}	115, 121, 14
Decimal	7947534
CIE Lab	34.71, 18.20, 39.53
CIE LCh	35, 43.516, 65.273
Yxy	8.3529, 0.5061, 0.4189
Android (android.graphics.Color)	4286137614 (0xFF79450E)
YUV	78.2780, -31.6891, 37.4672
Hunter-Lab	28.9014, 11.7559, 17.1624

Details

The Hex color **79450E** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0E4279**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **B2763E**, and **431900** is the 20% darker color. If you saturate the color by 10%, you get **793F02**, and if you desaturate by 10%, it is **794B1A**.

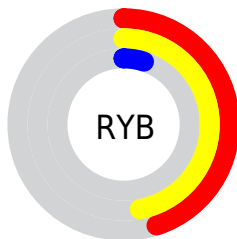
Distribution



Red (47%)

Green (27%)

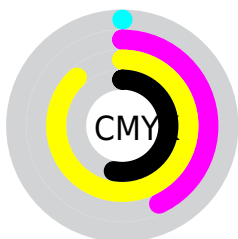
Blue (5%)



Red (45%)

Yellow (47%)

Blue (5%)

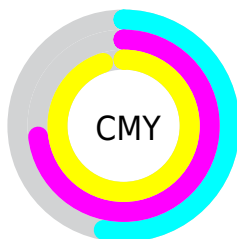


Cyan (0%)

Magenta (43%)

Yellow (88%)

Black (53%)



Cyan (53%)

Magenta (73%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 79450E 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 79450E by changing the saturation by 10% instead.

 79450E

 79450E

 FFFFFFF9

 5E2E00

 B2763E

 431900

 CF8F57

 290200

 EDAA70

 000000

 FFC58A

 FFE1A4

 FFFEC0

 FFFFDC

 79450E

 79450E

■ 793F02

■ 794B1A

■ 793E00

■ 795126

■ 795732

■ 795D3E

■ 79624A

■ 796857

■ 796E63

■ 79746F

■ 797A7B

Harmonies

Analogous

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



8B362C



79450E



5D5200

Triad

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



79450E



006257



5A468B

Complementary

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



79450E



0E4279

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.



005497



79450E



006179

Square

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



79450E



006033



005D90



80366F

Rectangle

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



79450E



465808



005D90



464B91

Sweetspot

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



79450E



9E8973



790E43



4F4336



CFCFCF



4F4F4F

Same Dimension

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



79450E



9E5100



79790E



3D3A37



7D4000



FC8200

Inverse Universe

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



0E4279



004D9E



0E0E79



373A3D



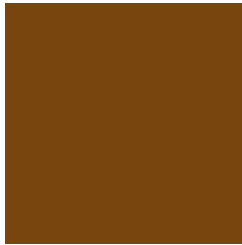
003D7D



007BFC

Previews

White Background



This preview shows how the Hex color 79450E looks on a white background.

Color Contrast Check

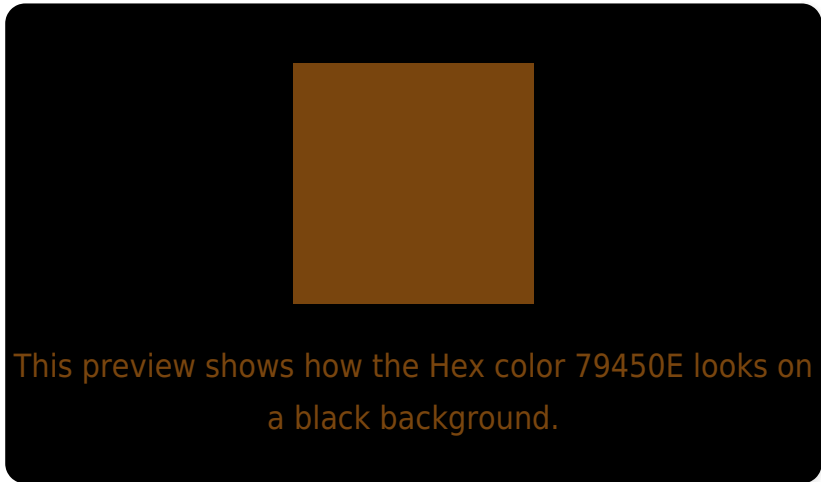
Large Text (above 18pt) WCAG AA ✓ Pass

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 79450E Background



This preview shows how black text looks on a background with the Hex color 79450E.



This preview shows how white text looks on a background with the Hex color 79450E.

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
79450E

Protanopia
5D5212

Deuteranopia
684E05



Tritanopia
7B4045

Trichromacy



Original Color
79450E

Protanomaly
674D11

Deuteranomaly
6E4B08

Tritanomaly
7A4231

Monochromacy



Original Color
79450E

Achromatopsia
4E4E4E

Achromatomaly
5E4B37

CSS Examples

Text

The CSS property to change the color of the text to Hex 79450E 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 #79450E looks like.

```
.text, #text, p{  
    color:#79450E  
}
```

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 #79450E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79450E
}
```

Border

The CSS property to change the border of an element to Hex 79450E is called "border". The border property can be set on classes, ids or directly on the HTML element.

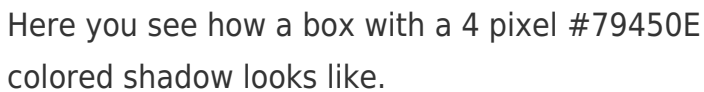
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#79450E }
```

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

```
.border{ border-color:#79450E }
```

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



Here you see how a box with a 4 pixel #79450E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79450E; -webkit-box-shadow:4px 4px  
4px 4px #79450E; box-shadow:4px 4px 4px  
4px #79450E }
```

Background

The CSS property to change the background color of an element to Hex 79450E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79450E }
```

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

```
.background{ background-color:#79450E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor