

# Converting Colors

Hex(7E531E)

Have a look what the booklet for  
Hex(7E531E) contains.

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# Color

**Hex(7E531E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7E531E
RGB	126, 83, 30
RGB Percent	49%, 33%, 12%
CMY	0.5059, 0.6745, 0.8824
CMYK	0.00, 0.34, 0.76, 0.51
HSL	33°, 62%, 31%
HSV	33°, 76%, 49%
XYZ	11.9318, 10.7159, 2.6678
YIQ	89.8150, 42.6410, -7.3670

# Conversions

## Conversions Part 2

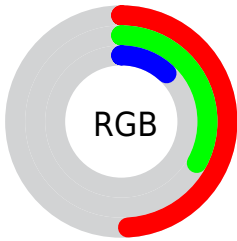
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	108, 126, 30
Decimal	8278814
CIE <sub>Lab</sub>	39.10, 12.87, 36.91
CIE <sub>LCh</sub>	39, 39.085, 70.781
Yxy	10.7159, 0.4713, 0.4233
Android (android.graphics.Color)	4286468894 (0xFF7E531E)
YUV	89.8150, -29.4888, 31.7342
Hunter-Lab	32.7351, 7.7759, 18.0827

# Details

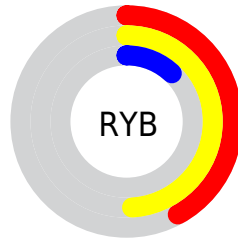
The Hex color **7E531E** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **1E497E**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **B6844D**, and **492600** is the 20% darker color. If you saturate the color by 10%, you get **7E4D11**, and if you desaturate by 10%, it is **7E592B**.

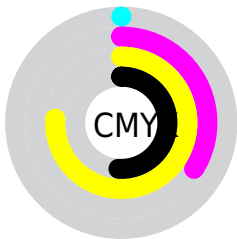
# Distribution



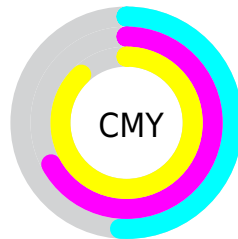
- Red (49%)
- Green (33%)
- Blue (12%)



- Red (42%)
- Yellow (49%)
- Blue (12%)



- Cyan (0%)
- Magenta (34%)
- Yellow (76%)
- Black (51%)



- Cyan (51%)
- Magenta (67%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E531E 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 7E531E by changing the saturation by 10% instead.





7E531E



7E531E

FFFFFF



633C05



B6844D



492600



D39F66



2F1200



F1BA80



140000



FFD59A



000000



FFF2B5



FFFFD1



FFFFED



7E531E



7E531E

■ 7E4D11

■ 7E592B

■ 7E4805

■ 7E5E37

■ 7E4600

■ 7E6444

■ 7E6A50

■ 7E6F5D

■ 7E756A

■ 7E7B76

■ 7E8083

■ 7E868F

# Harmonies

## Analogous

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



914734



7E531E



635E18

# Triad

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



7E531E



006C67



6D4F8C

# Complementary

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



7E531E



1E497E

# 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.



355C9B



7E531E



006A85

# Square

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



7E531E



006A46



006598



8B4372

# Rectangle

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



7E531E



4C6422



006598



5E5393



# Sweetspot

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



7E531E



A3927E



7E1E49



52473B



D1D1D1



525252



# Same Dimension

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



7E531E



A3610F



797E1E



403D39



804600



000000



# Inverse Universe

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



1E497E



0F51A3



231E7E



393C40



003980



000000



# Previews

## White Background



This preview shows how the Hex color 7E531E 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 × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 7E531E Background



This preview shows how black text looks on a background with the Hex color 7E531E.



This preview shows how white text looks on a background with the Hex color 7E531E.

# 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**  
7E531E

**Protanopia**  
675D21

**Deuteranopia**  
74581C



**Tritanopia**  
814E53

# Trichromacy



**Original Color**  
7E531E

**Protanomaly**  
6F5920

**Deuteranomaly**  
78561D

**Tritanomaly**  
805040

# Monochromacy



**Original Color**  
7E531E

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
675744

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E531E 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 #7E531E looks like.

```
.text, #text, p{  
    color:#7E531E  
}
```

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 #7E531E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E531E
}
```

## Border

The CSS property to change the border of an element to Hex 7E531E is called "border". The border property can be set on classes, ids or directly on the HTML element.

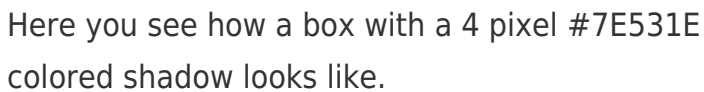
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7E531E }
```

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

```
.border{ border-color:#7E531E }
```

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



Here you see how a box with a 4 pixel #7E531E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E531E; -webkit-box-shadow:4px 4px  
4px 4px #7E531E; box-shadow:4px 4px 4px  
4px #7E531E }
```

# Background

The CSS property to change the background color of an element to Hex 7E531E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E531E }
```

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

```
.background{ background-color:#7E531E }
```

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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