

# Converting Colors

Hex(7E700E)

Have a look what the booklet for  
Hex(7E700E) contains.

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# Color

**Hex(7E700E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7E700E
RGB	126, 112, 14
RGB Percent	49%, 44%, 5%
CMY	0.5059, 0.5608, 0.9451
CMYK	0.00, 0.11, 0.89, 0.51
HSL	52°, 80%, 27%
HSV	52°, 89%, 49%
XYZ	14.4776, 16.0557, 2.7515
YIQ	105.0140, 39.8020, -27.5100

# Conversions

## Conversions Part 2

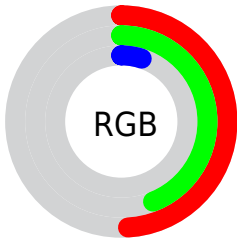
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	30, 126, 14
Decimal	8286222
CIE <sub>Lab</sub>	47.05, -4.73, 50.01
CIE <sub>LCh</sub>	47, 50.235, 95.401
Yxy	16.0557, 0.4350, 0.4824
Android (android.graphics.Color)	4286476302 (0xFF7E700E)
YUV	105.0140, -44.8699, 18.4047
Hunter-Lab	40.0695, -5.6274, 23.9774

# Details

The Hex color **7E700E** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0E1C7E**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **B6A345**, and **494100** is the 20% darker color. If you saturate the color by 10%, you get **7E6E01**, and if you desaturate by 10%, it is **7E721B**.

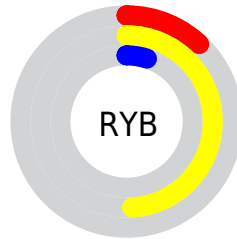
# Distribution



Red (49%)

Green (44%)

Blue (5%)



Red (12%)

Yellow (49%)

Blue (5%)

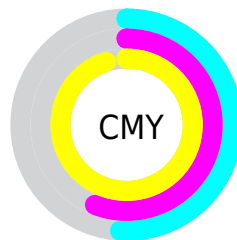


Cyan (0%)

Magenta (11%)

Yellow (89%)

Black (51%)



Cyan (51%)

Magenta (56%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E700E 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 7E700E by changing the saturation by 10% instead.





7E700E



7E700E

FFFFFF



635800



B6A345



494100



D3BE5F



2F2B00



F0DA79



171700



FFF694



000000



FFFFAF



FFFFCB



FFFFE8



7E700E



7E700E

■ 7E6E01

■ 7E721B

■ 7E6E00

■ 7E7327

■ 7E7534

■ 7E7640

■ 7E784D

■ 7E795A

■ 7E7B66

■ 7E7D73

■ 7E7E7F

# Harmonies

## Analogous

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



A0601F



7E700E



527B24

# Triad

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



7E700E



00839F



A84F94

# Complementary

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



7E700E



0E1C7E

# 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.



7B61B5



7E700E



007DBC

# Square

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



7E700E



008476



0972C4



BB466A

# Rectangle

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



7E700E



267F3D



0972C4



9C54A0



# Sweetspot

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



7E700E



A39E77



7E0E1D



524E37



D1D1D1



525252



# Same Dimension

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



7E700E



A38F00



557E0E



403F39



807000



000000



# Inverse Universe

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



0E1C7E



0014A3



370E7E



393A40



001080



000000



# Previews

## White Background



This preview shows how the Hex color 7E700E 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 7E700E Background



This preview shows how black text looks on a background with the Hex color 7E700E.



This preview shows how white text looks on a background with the Hex color 7E700E.

# 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**  
7E700E

**Protanopia**  
7E700E

**Deuteranopia**  
8D6A13

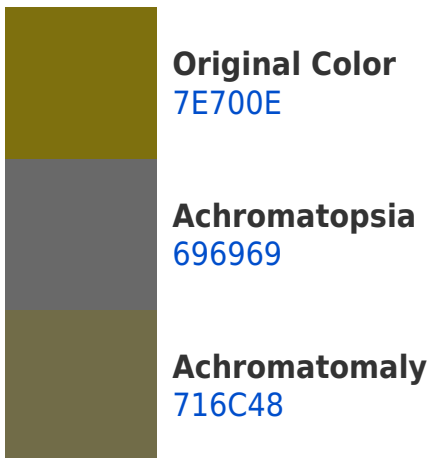


**Tritanopia**  
846870

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E700E 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 #7E700E looks like.

```
.text, #text, p{  
    color:#7E700E  
}
```

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 #7E700E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E700E
}
```

## Border

The CSS property to change the border of an element to Hex 7E700E 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
#7E700E }
```

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

```
.border{ border-color:#7E700E }
```

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

Here you see how a box with a 4 pixel #7E700E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E700E; -webkit-box-shadow:4px 4px  
4px 4px #7E700E; box-shadow:4px 4px 4px  
4px #7E700E }
```

# Background

The CSS property to change the background color of an element to Hex 7E700E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E700E }
```

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

```
.background{ background-color:#7E700E }
```

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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