

# Converting Colors

Hex(7E5E02)

Have a look what the booklet for  
Hex(7E5E02) contains.

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# Color

**Hex(7E5E02)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7E5E02
RGB	126, 94, 2
RGB Percent	49%, 37%, 1%
CMY	0.5059, 0.6314, 0.9922
CMYK	0.00, 0.25, 0.98, 0.51
HSL	45°, 97%, 25%
HSV	45°, 98%, 49%
XYZ	12.6178, 12.4454, 1.7946
YIQ	93.0800, 48.6040, -21.8280

# Conversions

## Conversions Part 2

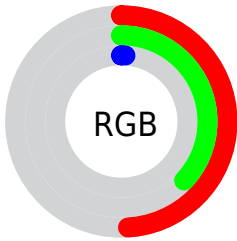
<b>Format</b>	<b>Color</b>
<b>RYB</b>	45, 126, 2
Decimal	8281602
CIELab	41.92, 5.43, 48.96
CIElCh	42, 49.257, 83.671
Yxy	12.4454, 0.4698, 0.4634
Android (android.graphics.Color)	4286471682 (0xFF7E5E02)
YUV	93.0800, -44.9024, 28.8708
Hunter-Lab	35.2781, 2.1072, 21.6785

# Details

The Hex color **7E5E02** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **02227E**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **B7903C**, and **483000** is the 20% darker color. If you saturate the color by 10%, you get **7E5D00**, and if you desaturate by 10%, it is **7E610F**.

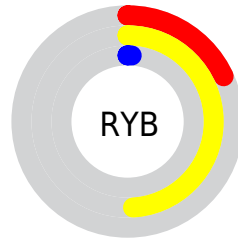
# Distribution



Red (49%)

Green (37%)

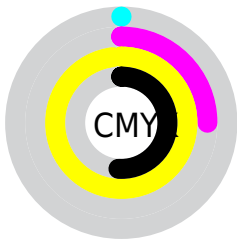
Blue (1%)



Red (18%)

Yellow (49%)

Blue (1%)

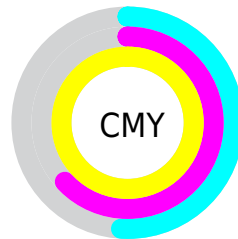


Cyan (0%)

Magenta (25%)

Yellow (98%)

Black (51%)



Cyan (51%)

Magenta (63%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E5E02 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 7E5E02 by changing the saturation by 10% instead.



 7E5E02

 7E5E02

 FFFFFFF9

 634700

 B7903C

 483000

 D4AA55

 2E1C00

 F1C66F

 150200

 FFE289

 000000

 FFFE4A

 FFFFC0

 FFFFDC

 7E5E02

 7E5E02

■ 7E5D00

■ 7E610F

■ 7E651B

■ 7E6828

■ 7E6B34

■ 7E6E41

■ 7E724E

■ 7E755A

■ 7E7867

■ 7E7B73

# Harmonies

## Analogous

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



9B4D21



7E5E02



586A0B

# Triad

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



7E5E02



007682



8B4993

# Complementary

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



7E5E02



02227E

# 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.



525CAE



7E5E02



0073A4

# Square

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



7E5E02



007559



006AB4



A73B6D

# Rectangle

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



7E5E02



377023



006AB4



7C509E



# Sweetspot

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



7E5E02



A39772



7E0223



524A34



D1D1D1



525252



# Same Dimension

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



7E5E02



A37900



617E02



403E39



805F00



000000



# Inverse Universe

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



02227E



002AA3



1F027E



393B40



002180

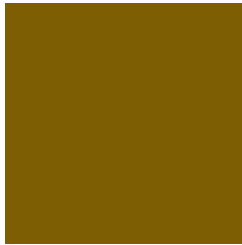


000000



# Previews

## White Background



This preview shows how the Hex color 7E5E02 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 7E5E02 Background



This preview shows how black text looks on a background with the Hex color 7E5E02.



This preview shows how white text looks on a background with the Hex color 7E5E02.

# 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**  
7E5E02

**Protanopia**  
706407

**Deuteranopia**  
7E5E00



**Tritanopia**  
82575E

# Trichromacy



**Original Color**  
7E5E02

**Protanomaly**  
756205

**Deuteranomaly**  
7E5E01

**Tritanomaly**  
815A3D

# Monochromacy



**Original Color**  
7E5E02

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
695D3C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E5E02 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 #7E5E02 looks like.

```
.text, #text, p{  
    color:#7E5E02  
}
```

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 #7E5E02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E5E02
}
```

## Border

The CSS property to change the border of an element to Hex 7E5E02 is called "border". The border property can be set on classes, ids or directly on the HTML element.

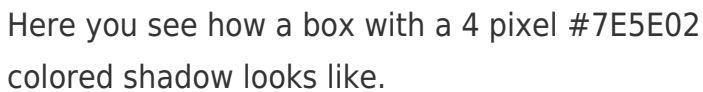
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7E5E02 }
```

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

```
.border{ border-color:#7E5E02 }
```

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



Here you see how a box with a 4 pixel #7E5E02 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E5E02; -webkit-box-shadow:4px 4px  
4px 4px #7E5E02; box-shadow:4px 4px 4px  
4px #7E5E02 }
```

# Background

The CSS property to change the background color of an element to Hex 7E5E02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E5E02 }
```

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

```
.background{ background-color:#7E5E02 }
```

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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