

# Converting Colors

Hex(7E4800)

Have a look what the booklet for  
Hex(7E4800) contains.

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**Color**

**Hex(7E4800)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7E4800
RGB	126, 72, 0
RGB Percent	49%, 28%, 0%
CMY	0.5059, 0.7176, 1.0000
CMYK	0.00, 0.43, 1.00, 0.51
HSL	34°, 100%, 25%
HSV	34°, 100%, 49%
XYZ	10.9215, 9.0703, 1.1751
YIQ	79.9380, 55.2960, -10.9440

# Conversions

## Conversions Part 2

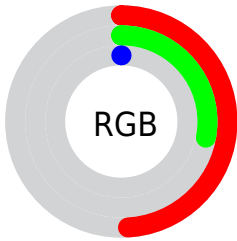
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 126, 0
Decimal	8275968
CIELab	36.12, 18.43, 45.66
CIELCh	36, 49.241, 68.022
Yxy	9.0703, 0.5160, 0.4285
Android (android.graphics.Color)	4286466048 (0xFF7E4800)
YUV	79.9380, -39.4094, 40.3964
Hunter-Lab	30.1170, 12.0259, 18.7685

# Details

The Hex color **7E4800** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **00367E**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **B87935**, and **471C00** is the 20% darker color. If you saturate the color by 10%, you get **7E4800**, and if you desaturate by 10%, it is **7E4D0D**.

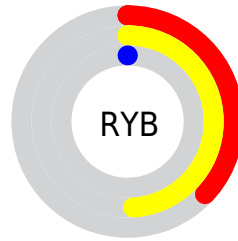
# Distribution



Red (49%)

Green (28%)

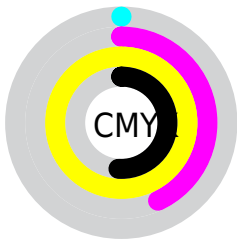
Blue (0%)



Red (37%)

Yellow (49%)

Blue (0%)

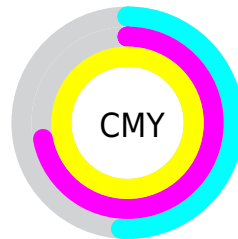


Cyan (0%)

Magenta (43%)

Yellow (100%)

Black (51%)



Cyan (51%)

Magenta (72%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E4800 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 7E4800 by changing the saturation by 10% instead.



 7E4800

 7E4800

 FFFFF0

 633100

 B87935

 471C00

 D5934E

 2D0600

 F3AD67

 040000

 FFC981

 000000

 FFE59C

 FFFFB7

 FFFFD3

 7E4800

 7E4D0D

 7E5319

 7E5826

 7E5E32

 7E633F

 7E684C

 7E6E58

 7E7365

 7E7971

# Harmonies

## Analogous

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



943626



7E4800



5D5700

# Triad

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



7E4800



00675F



634594

# Complementary

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



7E4800



00367E

# 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.



0056A4



7E4800



006685

# Square

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



7E4800



006536



00619E



8C3273

# Rectangle

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



7E4800



435D00



00619E



4D4C9B



# Sweetspot

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



7E4800



A38E72



7E0037



524534



D1D1D1



525252



# Same Dimension

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



7E4800



A35D00



767E00



403D39



804900



000000



# Inverse Universe

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



00367E



0046A3



08007E



393C40



003780

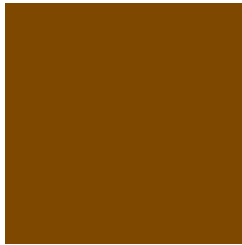


000000



# Previews

## White Background



This preview shows how the Hex color 7E4800 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

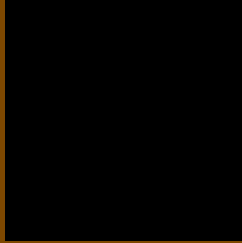
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7E4800 Background



This preview shows how black text looks on a background with the Hex color 7E4800.



This preview shows how white text looks on a background with the Hex color 7E4800.

# 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**  
7E4800

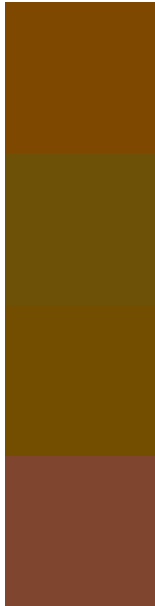
**Protanopia**  
61560A

**Deuteranopia**  
6C5100



**Tritanopia**  
814348

# Trichromacy



**Original Color**  
7E4800

**Protanomaly**  
6C5106

**Deuteranomaly**  
734E00

**Tritanomaly**  
80452E

# Monochromacy



**Original Color**  
7E4800

**Achromatopsia**  
505050

**Achromatomaly**  
614D33

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E4800 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 #7E4800 looks like.

```
.text, #text, p{  
    color:#7E4800  
}
```

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 #7E4800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E4800
}
```

## Border

The CSS property to change the border of an element to Hex 7E4800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

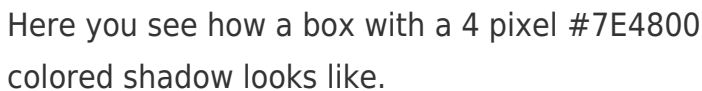
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7E4800 }
```

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

```
.border{ border-color:#7E4800 }
```

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



Here you see how a box with a 4 pixel #7E4800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E4800; -webkit-box-shadow:4px 4px  
4px 4px #7E4800; box-shadow:4px 4px 4px  
4px #7E4800 }
```

# Background

The CSS property to change the background color of an element to Hex 7E4800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E4800 }
```

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

```
.background{ background-color:#7E4800 }
```

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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