

# Converting Colors

Hex(7E6405)

Have a look what the booklet for  
Hex(7E6405) contains.

<b>Hex(7E6405)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(7E6405)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7E6405
RGB	126, 100, 5
RGB Percent	49%, 39%, 2%
CMY	0.5059, 0.6078, 0.9804
CMYK	0.00, 0.21, 0.96, 0.51
HSL	47°, 92%, 26%
HSV	47°, 96%, 49%
XYZ	13.1887, 13.5609, 2.0660
YIQ	96.9440, 45.9910, -24.0330

# Conversions

## Conversions Part 2

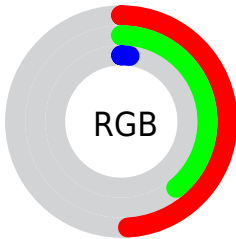
<b>Format</b>	<b>Color</b>
<b>RYB</b>	38, 126, 5
Decimal	8283141
CIELab	43.60, 1.97, 49.41
CIElCh	44, 49.448, 87.712
Yxy	13.5609, 0.4577, 0.4706
Android (android.graphics.Color)	4286473221 (0xFF7E6405)
YUV	96.9440, -45.3284, 25.4821
Hunter-Lab	36.8252, -0.5151, 22.4513

# Details

The Hex color **7E6405** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **051F7E**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **B6963F**, and **483600** is the 20% darker color. If you saturate the color by 10%, you get **7E6300**, and if you desaturate by 10%, it is **7E6712**.

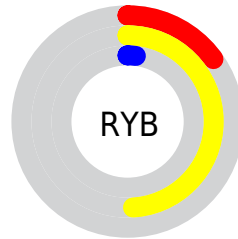
# Distribution



Red (49%)

Green (39%)

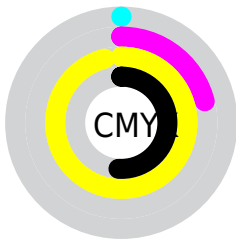
Blue (2%)



Red (15%)

Yellow (49%)

Blue (2%)

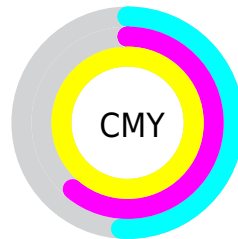


Cyan (0%)

Magenta (21%)

Yellow (96%)

Black (51%)



Cyan (51%)

Magenta (61%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E6405 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 7E6405 by changing the saturation by 10% instead.



 7E6405

 7E6405

FFFFFFD

 634C00

 B6963F

 483600

 D3B158

 2F2100

 F1CC72

 150B00

 FFE88C

 000000

 FFFFA8

 FFFFC3

 FFFFEO

 7E6405

 7E6405

■ 7E6300

■ 7E6712

■ 7E691E

■ 7E6C2B

■ 7E6F37

■ 7E7244

■ 7E7451

■ 7E775D

■ 7E7A6A

■ 7E7C76

# Harmonies

## Analogous

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



9D5420



7E6405



567015

# Triad

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



7E6405



007A8C



954B93

# Complementary

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



7E6405



051F7E

# 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.



605DB0



7E6405



0076AC

# Square

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



7E6405



007A62



006DB9



AE3F6C

# Rectangle

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



7E6405



32752C



006DB9



87519F



# Sweetspot

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



7E6405



A39974



7E051F



524B35



D1D1D1



525252



# Same Dimension

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



7E6405



A38000



5C7E05



403E39



806400



000000



# Inverse Universe

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



051F7E



0023A3



27057E



393B40



001B80

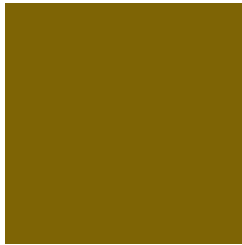


000000



# Previews

## White Background



This preview shows how the Hex color 7E6405 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 7E6405 Background



This preview shows how black text looks on a background with the Hex color 7E6405.



This preview shows how white text looks on a background with the Hex color 7E6405.

# 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**  
7E6405

**Protanopia**  
756807

**Deuteranopia**  
836209



**Tritanopia**  
835D64

# Trichromacy



**Original Color**  
7E6405

**Protanomaly**  
786706

**Deuteranomaly**  
816308

**Tritanomaly**  
816041

# Monochromacy



**Original Color**  
7E6405

**Achromatopsia**  
616161

**Achromatomaly**  
6C6240

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E6405 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 #7E6405 looks like.

```
.text, #text, p{  
    color:#7E6405  
}
```

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 #7E6405 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E6405
}
```

## Border

The CSS property to change the border of an element to Hex 7E6405 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
#7E6405 }
```

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

```
.border{ border-color:#7E6405 }
```

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

Here you see how a box with a 4 pixel #7E6405 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E6405; -webkit-box-shadow:4px 4px  
4px 4px #7E6405; box-shadow:4px 4px 4px  
4px #7E6405 }
```

# Background

The CSS property to change the background color of an element to Hex 7E6405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E6405 }
```

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

```
.background{ background-color:#7E6405 }
```

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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