

# Converting Colors

Hex(7E4421)

Have a look what the booklet for  
Hex(7E4421) contains.

<b>Hex(7E4421)</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(7E4421)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7E4421
RGB	126, 68, 33
RGB Percent	49%, 27%, 13%
CMY	0.5059, 0.7333, 0.8706
CMYK	0.00, 0.46, 0.74, 0.51
HSL	23°, 58%, 31%
HSV	23°, 74%, 49%
XYZ	10.9458, 8.6797, 2.5373
YIQ	81.3520, 45.8030, 1.4110

# Conversions

## Conversions Part 2

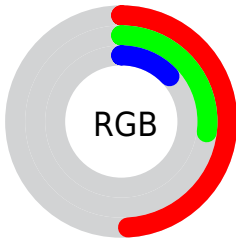
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 89, 33
Decimal	8274977
CIE <sub>Lab</sub>	35.36, 21.88, 31.43
CIE <sub>LCh</sub>	35, 38.294, 55.151
Yxy	8.6797, 0.4939, 0.3916
Android (android.graphics.Color)	4286465057 (0xFF7E4421)
YUV	81.3520, -23.8375, 39.1563
Hunter-Lab	29.4613, 14.7613, 15.5167

# Details

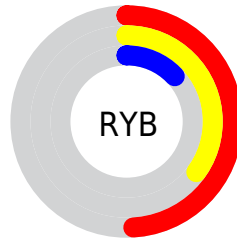
The Hex color **7E4421** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **215B7E**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **B7754F**, and **481700** is the 20% darker color. If you saturate the color by 10%, you get **7E3C14**, and if you desaturate by 10%, it is **7E4C2E**.

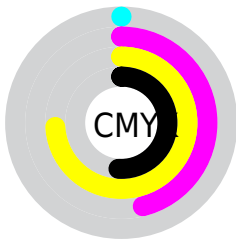
# Distribution



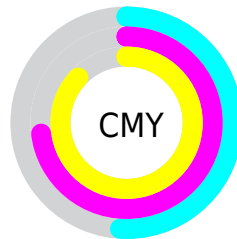
- Red (49%)
- Green (27%)
- Blue (13%)



- Red (49%)
- Yellow (35%)
- Blue (13%)



- Cyan (0%)
- Magenta (46%)
- Yellow (74%)
- Black (51%)



- Cyan (51%)
- Magenta (73%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E4421 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 7E4421 by changing the saturation by 10% instead.



 7E4421

 7E4421

FFFFFF

 632D0B

 B7754F

 481700

 D48F68

 2E0100

 F1A981

 050000

 FFC59B

 000000

 FFE1B6

 FFFED2

 FFFFEE

 7E4421

 7E4421

■ 7E3C14

■ 7E4C2E

■ 7E3408

■ 7E543A

■ 7E2F00

■ 7E5C47

■ 7E6353

■ 7E6B60

■ 7E736D

■ 7E7B79

■ 7E8386

■ 7E8B92

# Harmonies

## Analogous

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



8A393B



7E4421



685011

# Triad

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



7E4421



00624D



4B4D8B

# Complementary

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



7E4421



215B7E

# 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.



005890



7E4421



00626C

# Square

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



7E4421



215F2E



005F85



744077

# Rectangle

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



7E4421



555612



005F85



37518E



# Sweetspot

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



7E4421



A38D7F



7E215C



52443C



D1D1D1



525252



# Same Dimension

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



7E4421



A34912



7E7221



403C39



803000



000000



# Inverse Universe

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



215B7E



126DA3



212D7E



393D40



005080



000000



# Previews

## White Background



This preview shows how the Hex color 7E4421 looks on a white background.

## Color Contrast Check

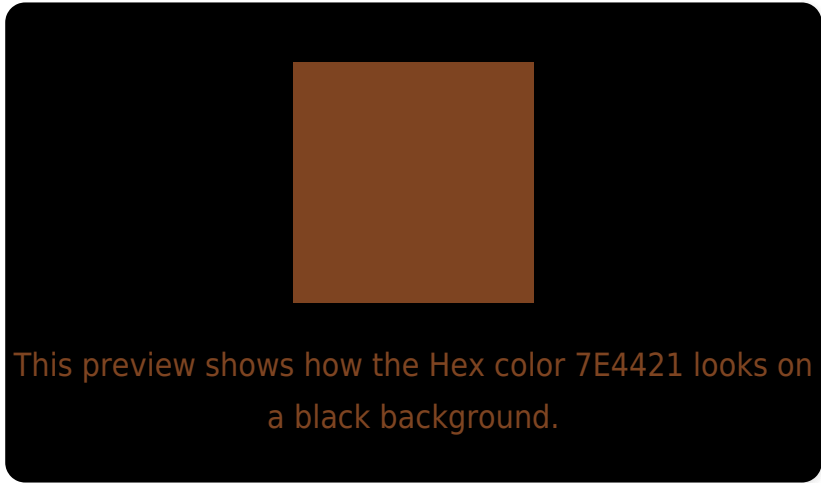
Large Text (above 18pt) WCAG AA ✓ Pass

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 7E4421 Background



This preview shows how black text looks on a background with the Hex color 7E4421.



This preview shows how white text looks on a background with the Hex color 7E4421.

# 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**  
7E4421

**Protanopia**  
5D5426

**Deuteranopia**  
69501E



**Tritanopia**  
804045

# Trichromacy



**Original Color**

7E4421

**Protanomaly**

694E24

**Deuteranomaly**

714C1F

**Tritanomaly**

7F4138

# Monochromacy



**Original Color**

7E4421

**Achromatopsia**

515151

**Achromatomaly**

614C40

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E4421 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 #7E4421 looks like.

```
.text, #text, p{  
    color:#7E4421  
}
```

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 #7E4421 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E4421
}
```

## Border

The CSS property to change the border of an element to Hex 7E4421 is called "border". The border property can be set on classes, ids or directly on the HTML element.

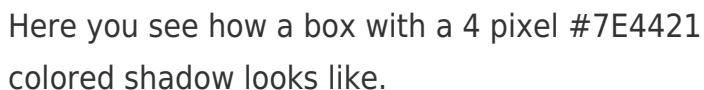
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7E4421 }
```

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

```
.border{ border-color:#7E4421 }
```

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



Here you see how a box with a 4 pixel #7E4421 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E4421; -webkit-box-shadow:4px 4px  
4px 4px #7E4421; box-shadow:4px 4px 4px  
4px #7E4421 }
```

# Background

The CSS property to change the background color of an element to Hex 7E4421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E4421 }
```

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

```
.background{ background-color:#7E4421 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor