

# Converting Colors

Hex(7E6E34)

Have a look what the booklet for  
Hex(7E6E34) contains.

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# Color

**Hex(7E6E34)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7E6E34
RGB	126, 110, 52
RGB Percent	49%, 43%, 20%
CMY	0.5059, 0.5686, 0.7961
CMYK	0.00, 0.13, 0.59, 0.51
HSL	47°, 42%, 35%
HSV	47°, 59%, 49%
XYZ	14.7999, 15.8354, 5.5253
YIQ	108.1720, 28.1540, -14.6460

# Conversions

## Conversions Part 2

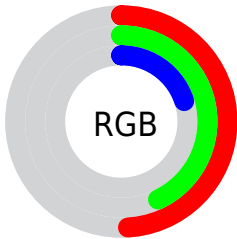
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	72, 126, 52
Decimal	8285748
CIE <sub>Lab</sub>	46.76, -1.51, 34.16
CIE <sub>LCh</sub>	47, 34.192, 92.536
Yxy	15.8354, 0.4093, 0.4379
Android (android.graphics.Color)	4286475828 (0xFF7E6E34)
YUV	108.1720, -27.6928, 15.6352
Hunter-Lab	39.7937, -3.2519, 19.6233

# Details

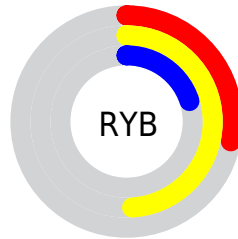
The Hex color **7E6E34** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **34447E**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **B5A165**, and **4A3F04** is the 20% darker color. If you saturate the color by 10%, you get **7E6B27**, and if you desaturate by 10%, it is **7E7141**.

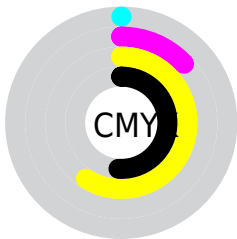
# Distribution



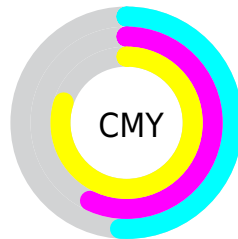
- Red (49%)
- Green (43%)
- Blue (20%)



- Red (28%)
- Yellow (49%)
- Blue (20%)



- Cyan (0%)
- Magenta (13%)
- Yellow (59%)
- Black (51%)



- Cyan (51%)
- Magenta (57%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E6E34 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 7E6E34 by changing the saturation by 10% instead.





7E6E34



7E6E34

FFFFFF



64561D



B5A165



4A3F04



D1BC7E



332900



EED898



1A1500



FFF4B3



000000



FFFFCF



FFF FEC



7E6E34



7E6E34



7E6B27



7E7141

 7E691B

 7E734D

 7E660E

 7E765A

 7E6302

 7E7966

 7E6300

 7E7C73

 7E7E80

 7E818C

 7E8499

 7E87A5

# Harmonies

## Analogous

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



95643C



7E6E34



60763D

# Triad

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



7E6E34



007D8D



945C8A

# Complementary

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



7E6E34



34447E

# 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.



74669F



7E6E34



0079A1

# Square

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



7E6E34



007E70



4371A8



A4576D

# Rectangle

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



7E6E34



497A4B



4371A8



8C5F92



# Sweetspot

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



7E6E34



A39D86



7E3444



524E40



D1D1D1



525252



# Same Dimension

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



7E6E34



A38A31



697E34



403E39



806400



000000



# Inverse Universe

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



34447E



314AA3



49347E



393B40



001C80



000000



# Previews

## White Background



This preview shows how the Hex color 7E6E34 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 7E6E34 Background



This preview shows how black text looks on a background with the Hex color 7E6E34.



This preview shows how white text looks on a background with the Hex color 7E6E34.

# 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**  
7E6E34

**Protanopia**  
7B6F34

**Deuteranopia**  
896A35



**Tritanopia**  
836870

# Trichromacy



**Original Color**  
7E6E34

**Protanomaly**  
7C6F34

**Deuteranomaly**  
856B35

**Tritanomaly**  
816A5A

# Monochromacy



**Original Color**  
7E6E34

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
736D58

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E6E34 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 #7E6E34 looks like.

```
.text, #text, p{  
    color:#7E6E34  
}
```

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 #7E6E34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E6E34
}
```

## Border

The CSS property to change the border of an element to Hex 7E6E34 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
#7E6E34 }
```

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

```
.border{ border-color:#7E6E34 }
```

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

Here you see how a box with a 4 pixel #7E6E34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E6E34; -webkit-box-shadow:4px 4px  
4px 4px #7E6E34; box-shadow:4px 4px 4px  
4px #7E6E34 }
```

# Background

The CSS property to change the background color of an element to Hex 7E6E34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E6E34 }
```

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

```
.background{ background-color:#7E6E34 }
```

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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