

# Converting Colors

Hex(77651E)

Have a look what the booklet for  
Hex(77651E) contains.

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**Color**

**Hex(77651E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	77651E
RGB	119, 101, 30
RGB Percent	47%, 40%, 12%
CMY	0.5333, 0.6039, 0.8824
CMYK	0.00, 0.15, 0.75, 0.53
HSL	48°, 60%, 29%
HSV	48°, 75%, 47%
XYZ	12.4958, 13.3230, 3.1413
YIQ	98.2880, 33.5190, -18.2650

# Conversions

## Conversions Part 2

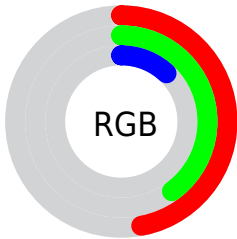
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	53, 119, 30
Decimal	7824670
CIE Lab	43.25, -1.13, 40.81
CIE LCh	43, 40.824, 91.586
Yxy	13.3230, 0.4315, 0.4600
Android (android.graphics.Color)	4286014750 (0xFF77651E)
YUV	98.2880, -33.6660, 18.1644
Hunter-Lab	36.5007, -2.7681, 20.4479

# Details

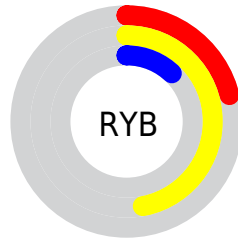
The Hex color **77651E** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1E3077**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **AE984F**, and **443700** is the 20% darker color. If you saturate the color by 10%, you get **776312**, and if you desaturate by 10%, it is **77672A**.

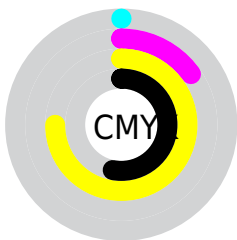
# Distribution



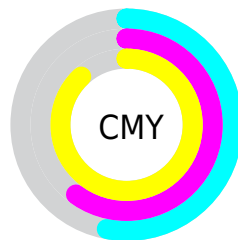
- Red (47%)
- Green (40%)
- Blue (12%)



- Red (21%)
- Yellow (47%)
- Blue (12%)



- Cyan (0%)
- Magenta (15%)
- Yellow (75%)
- Black (53%)



- Cyan (53%)
- Magenta (60%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 77651E 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 77651E by changing the saturation by 10% instead.



 77651E

 77651E

FFFFFF

 5D4D02

 AE984F

 443700

 CAB268

 2A2200

 E7CE82

 0F0C00

 FFEA9D

 000000

 FFFF88

 FFFFD4

 FFFFF1

 77651E

 77651E

■ 776312

■ 77672A

■ 776006

■ 776A36

■ 775F00

■ 776C42

■ 776F4E

■ 77715A

■ 777365

■ 777671

■ 77787D

■ 777B89

# Harmonies

## Analogous

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



92582A



77651E



556E29

# Triad

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



77651E



007689



914F87

# Complementary

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



77651E



1E3077

# 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.



6A5DA0



77651E



0072A1

# Square

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



77651E



007767



1E69AA



A34866

# Rectangle

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



77651E



38733A



1E69AA



865391



# Sweetspot

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



77651E



9C9579



771E31



4F4B3A



CFCFCF



4F4F4F



# Same Dimension

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



77651E



9C7F10



5E771E



3B3935



7A6200



FAC700



# Inverse Universe

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



1E3077



102C9C



371E77



35363B



00197A



0033FA



# Previews

## White Background



This preview shows how the Hex color 77651E looks on a white background.

## Color Contrast Check

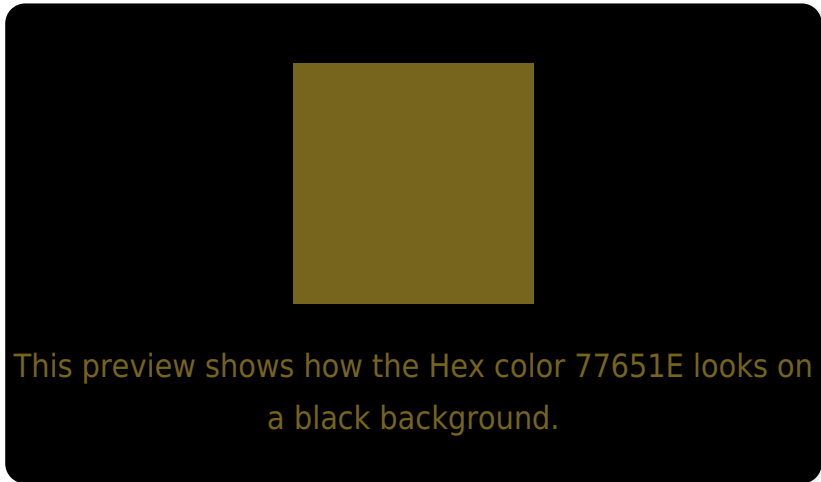
Large Text (above 18pt) WCAG AA ✓ Pass

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

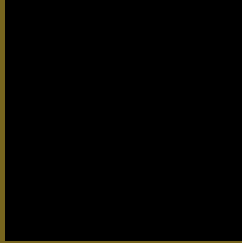
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 77651E Background



This preview shows how black text looks on a background with the Hex color 77651E.



This preview shows how white text looks on a background with the Hex color 77651E.

# 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**  
77651E

**Protanopia**  
73671E

**Deuteranopia**  
806120



**Tritanopia**  
7C5E66

# Trichromacy



**Original Color**  
77651E

**Protanomaly**  
74661E

**Deuteranomaly**  
7D621F

**Tritanomaly**  
7A614C

# Monochromacy



**Original Color**  
77651E

**Achromatopsia**  
626262

**Achromatomaly**  
6A6349

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 77651E 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 #77651E looks like.

```
.text, #text, p{  
    color:#77651E  
}
```

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 #77651E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77651E
}
```

## Border

The CSS property to change the border of an element to Hex 77651E 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".

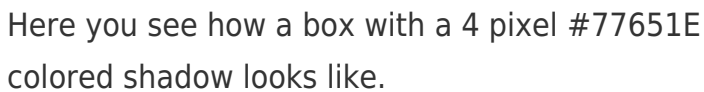
```
.border, #border, table{ border:4px solid
#77651E }
```

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

```
.border{ border-color:#77651E }
```

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

Here you see how a box with a 4 pixel #77651E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77651E; -webkit-box-shadow:4px 4px  
4px 4px #77651E; box-shadow:4px 4px 4px  
4px #77651E }
```

# Background

The CSS property to change the background color of an element to Hex 77651E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77651E }
```

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

```
.background{ background-color:#77651E }
```

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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