

# Converting Colors

Hex(77533E)

Have a look what the booklet for  
Hex(77533E) contains.

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**Color**

**Hex(77533E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	77533E
RGB	119, 83, 62
RGB Percent	47%, 33%, 24%
CMY	0.5333, 0.6745, 0.7569
CMYK	0.00, 0.30, 0.48, 0.53
HSL	22°, 31%, 35%
HSV	22°, 48%, 47%
XYZ	11.5705, 10.4563, 5.9659
YIQ	91.3700, 28.1970, 1.1010

# Conversions

## Conversions Part 2

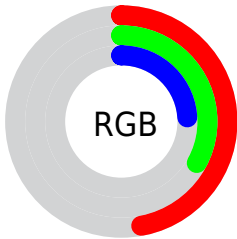
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 95, 62
Decimal	7820094
CIE <sub>Lab</sub>	38.65, 12.25, 18.26
CIE <sub>LCh</sub>	39, 21.987, 56.150
Yxy	10.4563, 0.4133, 0.3735
Android (android.graphics.Color)	4286010174 (0xFF77533E)
YUV	91.3700, -14.4794, 24.2315
Hunter-Lab	32.3361, 7.2826, 11.6966

# Details

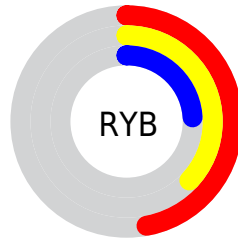
The Hex color **77533E** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **3E6277**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **AD856E**, and **442613** is the 20% darker color. If you saturate the color by 10%, you get **774B32**, and if you desaturate by 10%, it is **775B4A**.

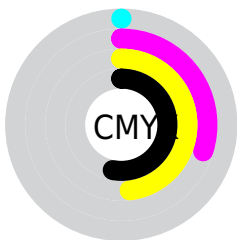
# Distribution



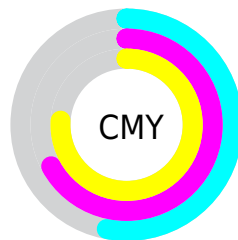
- Red (47%)
- Green (33%)
- Blue (24%)



- Red (47%)
- Yellow (37%)
- Blue (24%)



- Cyan (0%)
- Magenta (30%)
- Yellow (48%)
- Black (53%)



- Cyan (53%)
- Magenta (67%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 77533E 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 77533E by changing the saturation by 10% instead.





77533E



77533E

FFFFFF



5D3C28



AD856E



442613



C99F87



2D1100



E5BAA1



100000



FFD5BD



000000



FFF2D8



FFFFFF5



77533E



77533E



774B32



775B4A

■ 774426

■ 776256

■ 773C1A

■ 776A62

■ 77350E

■ 77716E

■ 772D03

■ 777979

■ 772C00

■ 778085

■ 778891

■ 778F9D

■ 7797A9

# Harmonies

## Analogous

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



7E4E4C



77533E



695937

# Triad

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



77533E



2C6558



5A577B

# Complementary

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



77533E



3E6277

# 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.



3F5D7E



77533E



1B646A

# Square

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



77533E



426347



236278



6F516F

# Rectangle

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



77533E



5D5D38



236278



51597D



# Sweetspot

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



77533E



9C8E86



773E62



4F4742



CFCFCF



4F4F4F



# Same Dimension

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



77533E



9C6443



776F3E



3B3735



7A2D00



FA5C00



# Inverse Universe

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



3E6277



437B9C



3E4677



35383B



004D7A

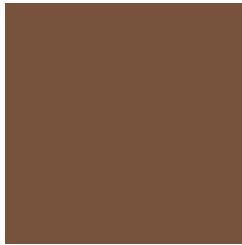


009EFA



# Previews

## White Background



This preview shows how the Hex color 77533E looks on a white background.

## Color Contrast Check

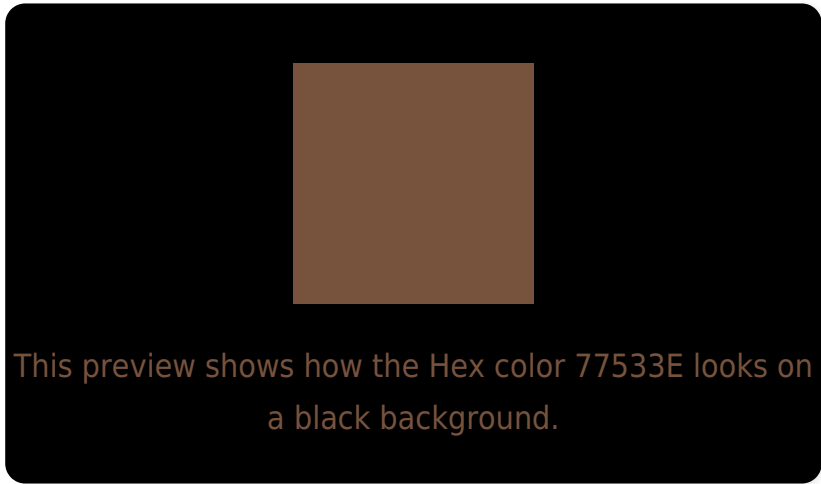
Large Text (above 18pt) WCAG AA ✓ Pass

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 77533E Background



This preview shows how black text looks on a background with the Hex color 77533E.



This preview shows how white text looks on a background with the Hex color 77533E.

# 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**  
77533E

**Protanopia**  
625B41

**Deuteranopia**  
6D573D



**Tritanopia**  
795056

# Trichromacy



**Original Color**  
77533E

**Protanomaly**  
6A5840

**Deuteranomaly**  
71563D

**Tritanomaly**  
78514D

# Monochromacy



**Original Color**  
77533E

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
655850

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 77533E 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 #77533E looks like.

```
.text, #text, p{  
    color:#77533E  
}
```

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 #77533E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77533E
}
```

## Border

The CSS property to change the border of an element to Hex 77533E is called "border". The border property can be set on classes, ids or directly on the HTML element.

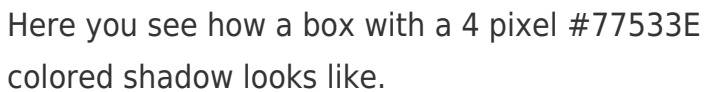
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#77533E }
```

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

```
.border{ border-color:#77533E }
```

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



Here you see how a box with a 4 pixel #77533E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77533E; -webkit-box-shadow:4px 4px  
4px 4px #77533E; box-shadow:4px 4px 4px  
4px #77533E }
```

# Background

The CSS property to change the background color of an element to Hex 77533E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77533E }
```

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

```
.background{ background-color:#77533E }
```

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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