

# Converting Colors

Hex(7E612F)

Have a look what the booklet for  
Hex(7E612F) contains.

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# Color

**Hex(7E612F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7E612F
RGB	126, 97, 47
RGB Percent	49%, 38%, 18%
CMY	0.5059, 0.6196, 0.8157
CMYK	0.00, 0.23, 0.63, 0.51
HSL	38°, 46%, 34%
HSV	38°, 63%, 49%
XYZ	13.3920, 13.1902, 4.5295
YIQ	99.9710, 33.3340, -9.4020

# Conversions

## Conversions Part 2

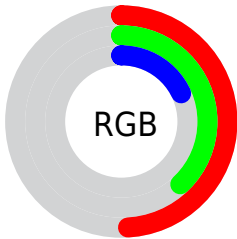
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 126, 47
Decimal	8282415
CIELab	43.05, 5.66, 32.51
CIELCh	43, 32.998, 80.124
Yxy	13.1902, 0.4304, 0.4240
Android (android.graphics.Color)	4286472495 (0xFF7E612F)
YUV	99.9710, -26.1147, 22.8274
Hunter-Lab	36.3184, 2.2626, 18.0285

# Details

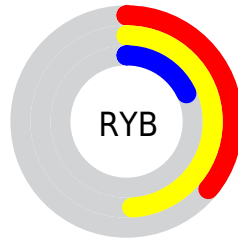
The Hex color **7E612F** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **2F4C7E**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **B5935F**, and **4A3300** is the 20% darker color. If you saturate the color by 10%, you get **7E5C22**, and if you desaturate by 10%, it is **7E663C**.

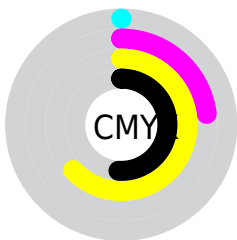
# Distribution



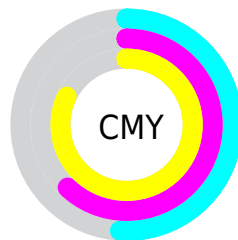
- Red (49%)
- Green (38%)
- Blue (18%)



- Red (36%)
- Yellow (49%)
- Blue (18%)



- Cyan (0%)
- Magenta (23%)
- Yellow (63%)
- Black (51%)



- Cyan (51%)
- Magenta (62%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E612F 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 7E612F by changing the saturation by 10% instead.



 7E612F

 7E612F

FFFFFF

 644918

 B5935F

 4A3300

 D1AE78

 311E00

 EEC992

 190600

 FFE5AD

 000000

 FFFFC8

 FFFF E5

 7E612F

 7E612F

 7E5C22

 7E663C

■ 7E5816

■ 7E6A48

■ 7E5309

■ 7E6F55

■ 7E5000

■ 7E7461

■ 7E786E

■ 7E7D7B

■ 7E8187

■ 7E8694

■ 7E8BA0

# Harmonies

## Analogous

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



91573D



7E612F



646A31

# Triad

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



7E612F



007478



7F5889

# Complementary

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



7E612F



2F4C7E

# 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.



5A6299



7E612F



00718F

# Square

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



7E612F



13735B



1D6B9B



945070

# Rectangle

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



7E612F



506E3B



1D6B9B



745B90



# Sweetspot

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



7E612F



A39884



7E2F4D



524B3F



D1D1D1



525252



# Same Dimension

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



7E612F



A37629



757E2F



403D39



805100



000000



# Inverse Universe

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



2F4C7E



2956A3



382F7E



393C40



002F80



000000



# Previews

## White Background



This preview shows how the Hex color 7E612F looks on a white background.

## Color Contrast Check

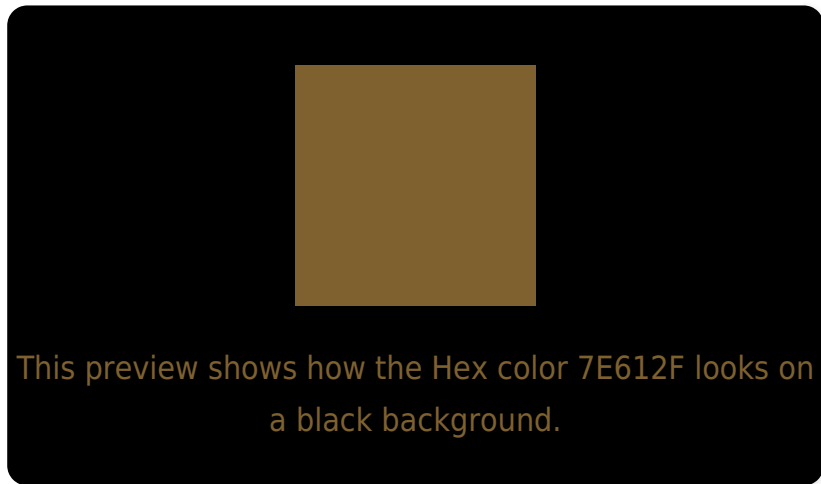
Large Text (above 18pt) WCAG AA ✓ Pass

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 7E612F Background



This preview shows how black text looks on a background with the Hex color 7E612F.



This preview shows how white text looks on a background with the Hex color 7E612F.

# 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**  
7E612F

**Protanopia**  
716631

**Deuteranopia**  
7E612F



**Tritanopia**  
825B62

# Trichromacy



**Original Color**  
7E612F

**Protanomaly**  
766430

**Deuteranomaly**  
7E612F

**Tritanomaly**  
815D4F

# Monochromacy



**Original Color**  
7E612F

**Achromatopsia**  
646464

**Achromatomaly**  
6D6351

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E612F 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 #7E612F looks like.

```
.text, #text, p{  
    color:#7E612F  
}
```

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 #7E612F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E612F
}
```

## Border

The CSS property to change the border of an element to Hex 7E612F 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
#7E612F }
```

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

```
.border{ border-color:#7E612F }
```

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

Here you see how a box with a 4 pixel #7E612F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E612F; -webkit-box-shadow:4px 4px  
4px 4px #7E612F; box-shadow:4px 4px 4px  
4px #7E612F }
```

# Background

The CSS property to change the background color of an element to Hex 7E612F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E612F }
```

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

```
.background{ background-color:#7E612F }
```

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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