

# Converting Colors

Hex(7A4D3F)

Have a look what the booklet for  
Hex(7A4D3F) contains.

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# Color

Hex(7A4D3F)

# Conversions

## Conversions Part 1

Format	Color
Hex	7A4D3F
RGB	122, 77, 63
RGB Percent	48%, 30%, 25%
CMY	0.5216, 0.6980, 0.7529
CMYK	0.00, 0.37, 0.48, 0.52
HSL	14°, 32%, 36%
HSV	14°, 48%, 48%
XYZ	11.5771, 9.8042, 5.9848
YIQ	88.8590, 31.3140, 5.1860

# Conversions

## Conversions Part 2

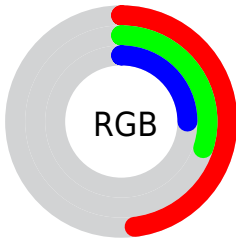
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 81, 63
Decimal	8015167
CIE <sub>Lab</sub>	37.49, 17.30, 16.18
CIE <sub>LCh</sub>	37, 23.683, 43.088
Yxy	9.8042, 0.4230, 0.3583
Android (android.graphics.Color)	4286205247 (0xFF7A4D3F)
YUV	88.8590, -12.7485, 29.0647
Hunter-Lab	31.3117, 11.2028, 10.5856

# Details

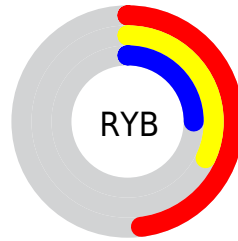
The Hex color **7A4D3F** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3F6C7A**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **B07E6F**, and **472014** is the 20% darker color. If you saturate the color by 10%, you get **7A4433**, and if you desaturate by 10%, it is **7A564B**.

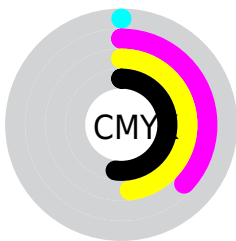
# Distribution



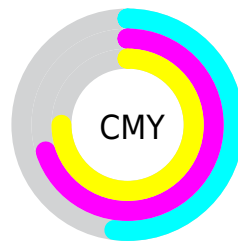
- Red (48%)
- Green (30%)
- Blue (25%)



- Red (48%)
- Yellow (32%)
- Blue (25%)



- Cyan (0%)
- Magenta (37%)
- Yellow (48%)
- Black (52%)



- Cyan (52%)
- Magenta (70%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A4D3F 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 7A4D3F by changing the saturation by 10% instead.



 7A4D3F

 7A4D3F

FFFFFF

 603629

 B07E6F

 472014

 CD9888

 2F0B00

 E9B3A2

 100000

 FFCFBD

 000000

 FFEBD9

 FFFFF6

 7A4D3F

 7A4D3F

 7A4433

 7A564B

■ 7A3A27

■ 7A6057

■ 7A311A

■ 7A6964

■ 7A280E

■ 7A7270

■ 7A1E02

■ 7A7C7C

■ 7A1D00

■ 7A8588

■ 7A8E94

■ 7A97A1

■ 7AA1AD

# Harmonies

## Analogous

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



7D4950



7A4D3F



6E5334

# Triad

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



7A4D3F



2F624C



4A577D

# Complementary

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



7A4D3F



3F6C7A

# 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.



295D7C



7A4D3F



136260

# Square

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



7A4D3F



475F3C



066172



655074

# Rectangle

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



7A4D3F



635832



066172



40597E



# Sweetspot

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



7A4D3F



9E8C86



7A3F6C



4F4441



CFCFCF



4F4F4F



# Same Dimension

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



7A4D3F



9E5842



7A6A3F



3D3937



7D1E00



FC3C00



# Inverse Universe

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



3F6C7A



42889E



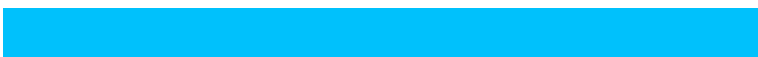
3F4F7A



373C3D



005F7D



00C1FC



# Previews

## White Background



This preview shows how the Hex color 7A4D3F looks on a white background.

## Color Contrast Check

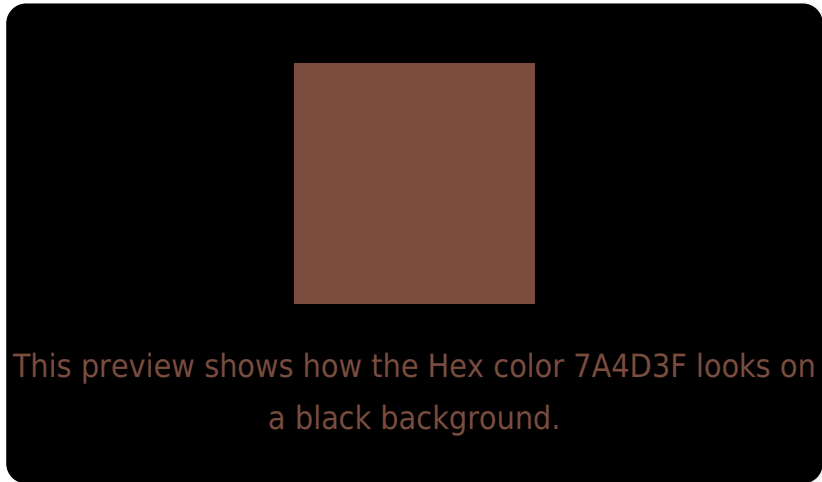
Large Text (above 18pt) WCAG AA ✓ Pass

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

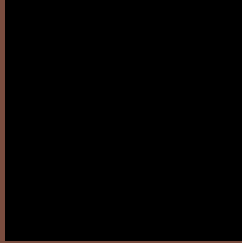
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7A4D3F Background



This preview shows how black text looks on a background with the Hex color 7A4D3F.

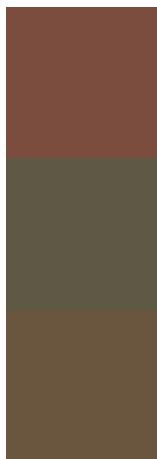


This preview shows how white text looks on a background with the Hex color 7A4D3F.

# 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**  
7A4D3F

**Protanopia**  
5F5844

**Deuteranopia**  
6A553E



**Tritanopia**  
7B4B50

# Trichromacy



**Original Color**  
7A4D3F

**Protanomaly**  
695442

**Deuteranomaly**  
70523E

**Tritanomaly**  
7B4C4A

# Monochromacy



**Original Color**  
7A4D3F

**Achromatopsia**  
595959

**Achromatomaly**  
655550

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A4D3F 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 #7A4D3F looks like.

```
.text, #text, p{  
    color:#7A4D3F  
}
```

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 #7A4D3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A4D3F
}
```

## Border

The CSS property to change the border of an element to Hex 7A4D3F 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
#7A4D3F }
```

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

```
.border{ border-color:#7A4D3F }
```

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

Here you see how a box with a 4 pixel #7A4D3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A4D3F; -webkit-box-shadow:4px 4px  
4px 4px #7A4D3F; box-shadow:4px 4px 4px  
4px #7A4D3F }
```

# Background

The CSS property to change the background color of an element to Hex 7A4D3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A4D3F }
```

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

```
.background{ background-color:#7A4D3F }
```

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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