

# Converting Colors

Hex(7A442F)

Have a look what the booklet for  
Hex(7A442F) contains.

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**Color**

**Hex(7A442F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A442F
RGB	122, 68, 47
RGB Percent	48%, 27%, 18%
CMY	0.5216, 0.7333, 0.8157
CMYK	0.00, 0.44, 0.61, 0.52
HSL	17°, 44%, 33%
HSV	17°, 61%, 48%
XYZ	10.6063, 8.4771, 3.7665
YIQ	81.7520, 38.9250, 4.9170

# Conversions

## Conversions Part 2

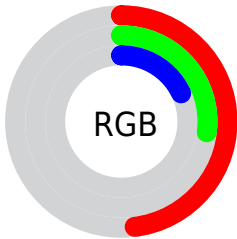
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	122, 76, 47
Decimal	8012847
CIELab	34.96, 21.08, 22.69
CIElCh	35, 30.969, 47.113
Yxy	8.4771, 0.4642, 0.3710
Android (android.graphics.Color)	4286202927 (0xFF7A442F)
YUV	81.7520, -17.1327, 35.2975
Hunter-Lab	29.1154, 14.0727, 12.7106

# Details

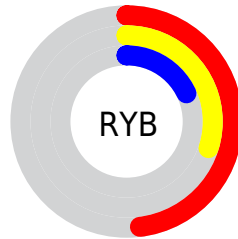
The Hex color **7A442F** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2F657A**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **B1755D**, and **461700** is the 20% darker color. If you saturate the color by 10%, you get **7A3B23**, and if you desaturate by 10%, it is **7A4D3B**.

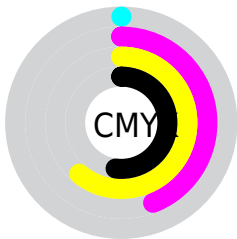
# Distribution



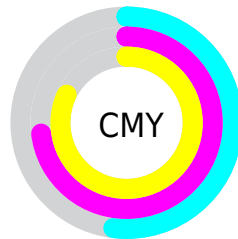
- Red (48%)
- Green (27%)
- Blue (18%)



- Red (48%)
- Yellow (30%)
- Blue (18%)



- Cyan (0%)
- Magenta (44%)
- Yellow (61%)
- Black (52%)



- Cyan (52%)
- Magenta (73%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A442F 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 7A442F by changing the saturation by 10% instead.



 7A442F

 7A442F

FFFFFF

 5F2D1A

 B1755D

 461700

 CE8F76

 2C0000

 EBA990

 000000

 FFC5AB

 FFE1C6

 FFFEE2

 7A442F

 7A442F

 7A3B23

 7A4D3B

■ 7A3217

■ 7A5647

■ 7A2A0A

■ 7A5E54

■ 7A2200

■ 7A6760

■ 7A706C

■ 7A7978

■ 7A8184

■ 7A8A91

■ 7A939D

# Harmonies

## Analogous

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



813E45



7A442F



6A4D21

# Triad

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



7A442F



045E46



425081

# Complementary

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



7A442F



2F657A

# 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.



005882



7A442F



005F60

# Square

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



7A442F



375B2F



005D76



664674

# Rectangle

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



7A442F



5B531F



005D76



325383



# Sweetspot

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



7A442F



9E8A82



7A2F66



4F433E



CFCFCF



4F4F4F



# Same Dimension

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



7A442F



9E4A29



7A692F



3D3937



7D2300



FC4700



# Inverse Universe

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



2F657A



297D9E



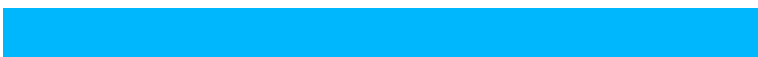
2F417A



373B3D



005A7D



00B6FC



# Previews

## White Background



This preview shows how the Hex color 7A442F looks on a white background.

## Color Contrast Check

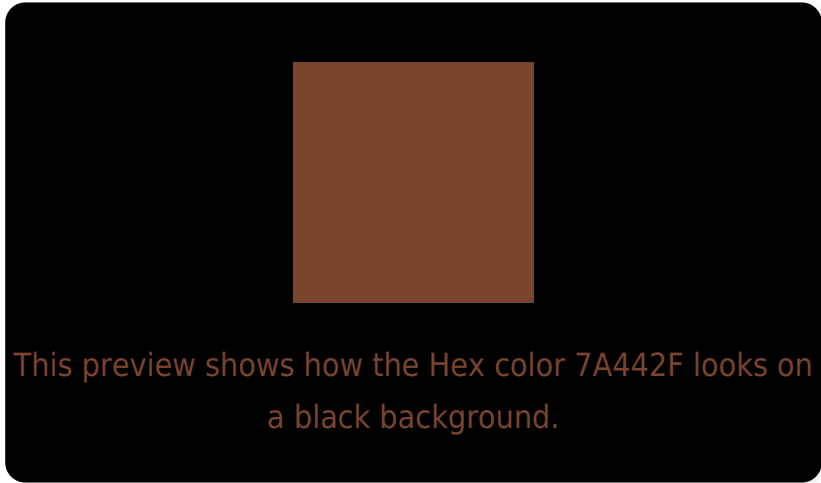
Large Text (above 18pt) WCAG AA ✓ Pass

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 7A442F Background



This preview shows how black text looks on a background with the Hex color 7A442F.



This preview shows how white text looks on a background with the Hex color 7A442F.

# 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**  
7A442F

**Protanopia**  
5A5334

**Deuteranopia**  
654F2D



**Tritanopia**  
7B4146

# Trichromacy



**Original Color**

7A442F

**Protanomaly**

664E32

**Deuteranomaly**

6D4B2E

**Tritanomaly**

7B423E

# Monochromacy



**Original Color**

7A442F

**Achromatopsia**

525252

**Achromatomaly**

614D45

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A442F 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 #7A442F looks like.

```
.text, #text, p{  
    color:#7A442F  
}
```

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 #7A442F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A442F
}
```

## Border

The CSS property to change the border of an element to Hex 7A442F is called "border". The border property can be set on classes, ids or directly on the HTML element.

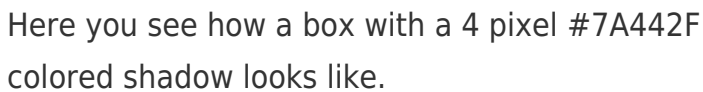
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A442F }
```

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

```
.border{ border-color:#7A442F }
```

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



Here you see how a box with a 4 pixel #7A442F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A442F; -webkit-box-shadow:4px 4px  
4px 4px #7A442F; box-shadow:4px 4px 4px  
4px #7A442F }
```

# Background

The CSS property to change the background color of an element to Hex 7A442F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A442F }
```

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

```
.background{ background-color:#7A442F }
```

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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