

# Converting Colors

Hex(7A3F28)

Have a look what the booklet for  
Hex(7A3F28) contains.

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**Color**

**Hex(7A3F28)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7A3F28
RGB	122, 63, 40
RGB Percent	48%, 25%, 16%
CMY	0.5216, 0.7529, 0.8431
CMYK	0.00, 0.48, 0.67, 0.52
HSL	17°, 51%, 32%
HSV	17°, 67%, 48%
XYZ	10.1865, 7.8458, 2.9850
YIQ	78.0190, 42.5470, 5.3550

# Conversions

## Conversions Part 2

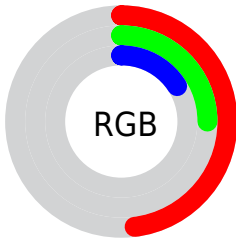
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 72, 40
Decimal	8011560
CIE Lab	33.66, 23.45, 25.31
CIE LCh	34, 34.508, 47.188
Yxy	7.8458, 0.4847, 0.3733
Android (android.graphics.Color)	4286201640 (0xFF7A3F28)
YUV	78.0190, -18.7434, 38.5713
Hunter-Lab	28.0103, 15.8972, 13.2889

# Details

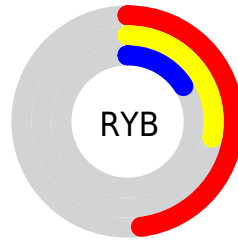
The Hex color **7A3F28** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **28637A**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **B27056**, and **451200** is the 20% darker color. If you saturate the color by 10%, you get **7A361C**, and if you desaturate by 10%, it is **7A4834**.

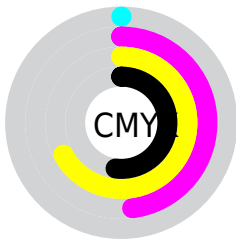
# Distribution



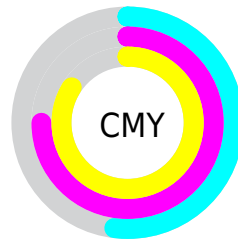
- Red (48%)
- Green (25%)
- Blue (16%)



- Red (48%)
- Yellow (28%)
- Blue (16%)



- Cyan (0%)
- Magenta (48%)
- Yellow (67%)
- Black (52%)



- Cyan (52%)
- Magenta (75%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A3F28 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 7A3F28 by changing the saturation by 10% instead.



 7A3F28

 7A3F28

FFFFFF

 5F2813

 B27056

 451200

 CF896E

 2C0000

 ECA488

 000000

 FFBFA2

 FFDBBD

 FFF8D9

 FFFFF6

 7A3F28

 7A3F28

■ 7A361C

■ 7A4834

■ 7A2D10

■ 7A5140

■ 7A2503

■ 7A594D

■ 7A2200

■ 7A6259

■ 7A6B65

■ 7A7471

■ 7A7C7D

■ 7A858A

■ 7A8E96

# Harmonies

## Analogous

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



823741



7A3F28



684A17

# Triad

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



7A3F28



005C42



3B4D83

# Complementary

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



7A3F28



28637A

# 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.



005684



7A3F28



005D5E

# Square

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



7A3F28



2F5928



005B77



654175

# Rectangle

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



7A3F28



585015



005B77



265085



# Sweetspot

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



7A3F28



9E877E



7A2864



4F413C



CFCFCF



4F4F4F



# Same Dimension

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



7A3F28



9E421E



7A6728



3D3937



7D2300



FC4700



# Inverse Universe

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



28637A



1E7A9E



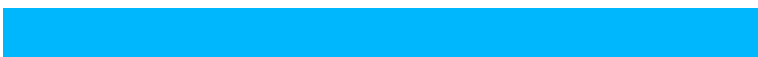
283B7A



373B3D



005A7D



00B6FC



# Previews

## White Background



This preview shows how the Hex color 7A3F28 looks on a white background.

## Color Contrast Check

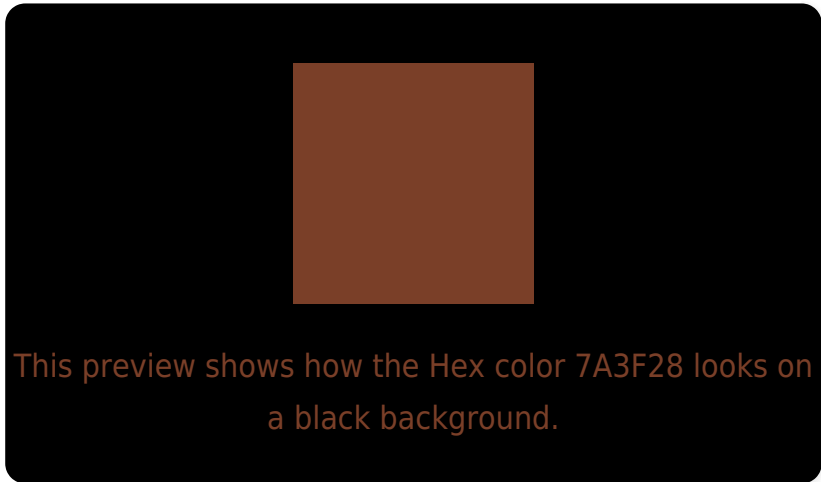
Large Text (above 18pt) WCAG AA ✓ Pass

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 7A3F28 Background



This preview shows how black text looks on a background with the Hex color 7A3F28.



This preview shows how white text looks on a background with the Hex color 7A3F28.

# 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**  
7A3F28

**Protanopia**  
58502E

**Deuteranopia**  
634C25



**Tritanopia**  
7B3C40

# Trichromacy



**Original Color**  
7A3F28

**Protanomaly**  
644A2C

**Deuteranomaly**  
6B4726

**Tritanomaly**  
7B3D37

# Monochromacy



**Original Color**  
7A3F28

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
5E4940

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A3F28 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 #7A3F28 looks like.

```
.text, #text, p{  
    color:#7A3F28  
}
```

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 #7A3F28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A3F28
}
```

## Border

The CSS property to change the border of an element to Hex 7A3F28 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
#7A3F28 }
```

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

```
.border{ border-color:#7A3F28 }
```

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

Here you see how a box with a 4 pixel #7A3F28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A3F28; -webkit-box-shadow:4px 4px  
4px 4px #7A3F28; box-shadow:4px 4px 4px  
4px #7A3F28 }
```

# Background

The CSS property to change the background color of an element to Hex 7A3F28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A3F28 }
```

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

```
.background{ background-color:#7A3F28 }
```

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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