

# Converting Colors

Hex(7A362C)

Have a look what the booklet for  
Hex(7A362C) contains.

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# Color

Hex(7A362C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A362C
RGB	122, 54, 44
RGB Percent	48%, 21%, 17%
CMY	0.5216, 0.7882, 0.8275
CMYK	0.00, 0.56, 0.64, 0.52
HSL	8°, 47%, 33%
HSV	8°, 64%, 48%
XYZ	9.7998, 6.9578, 3.2093
YIQ	73.1920, 43.7380, 11.3060

# Conversions

## Conversions Part 2

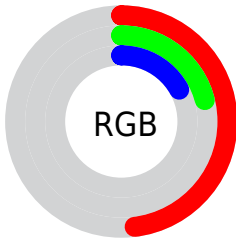
<b>Format</b>	<b>Color</b>
<b>RYB</b>	122, 55, 44
Decimal	8009260
CIELab	31.71, 28.81, 20.48
CIELCh	32, 35.346, 35.409
Yxy	6.9578, 0.4908, 0.3485
Android (android.graphics.Color)	4286199340 (0xFF7A362C)
YUV	73.1920, -14.3917, 42.8046
Hunter-Lab	26.3776, 20.1558, 11.2505

# Details

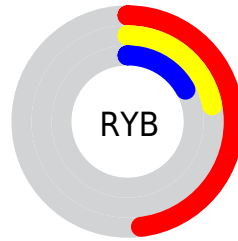
The Hex color **7A362C** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2C707A**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **B2675A**, and **450500** is the 20% darker color. If you saturate the color by 10%, you get **7A2B20**, and if you desaturate by 10%, it is **7A4138**.

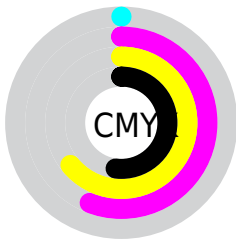
# Distribution



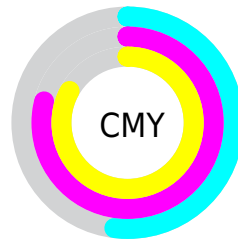
- Red (48%)
- Green (21%)
- Blue (17%)



- Red (48%)
- Yellow (22%)
- Blue (17%)



- Cyan (0%)
- Magenta (56%)
- Yellow (64%)
- Black (52%)



- Cyan (52%)
- Magenta (79%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A362C 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 7A362C by changing the saturation by 10% instead.



 7A362C

 7A362C

FFFFFF

 5F1E17

 B2675A

 450500

 CF8072

 2D0000

 ED9B8C

 000000

 FFB6A6

 FFD2C2

 FFEEDD

 FFFFFA

 7A362C

 7A362C

 7A2B20

 7A4138

 7A2114

 7A4B44

 7A1607

 7A5651

 7A1000

 7A615D

 7A6B69

 7A7675

 7A8081

 7A8B8E

 7A969A

# Harmonies

## Analogous

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



7D3147



7A362C



6B4117

# Triad

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



7A362C



035632



164C82

# Complementary

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



7A362C



2C707A

# 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.



00547D



7A362C



00584F

# Square

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



7A362C



38521A



00576A



524178

# Rectangle

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



7A362C



5D480F



00576A



004F82



# Sweetspot

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



7A362C



9E8480



7A2C71



4F3F3D



CFCFCF



4F4F4F



# Same Dimension

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



7A362C



9E3424



7A5C2C



3D3837



7D1000



FC2000



# Inverse Universe

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



2C707A



248E9E



2C4A7A



373C3D



006D7D



00DCFC



# Previews

## White Background



This preview shows how the Hex color 7A362C looks on a white background.

## Color Contrast Check

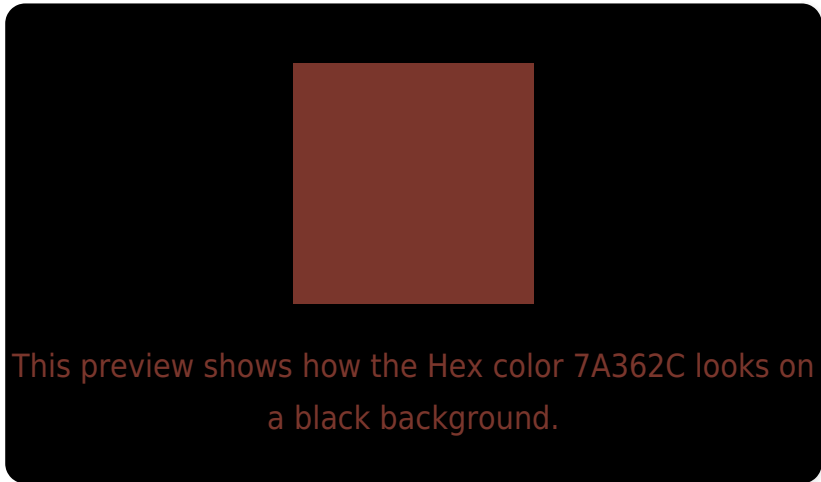
Large Text (above 18pt) WCAG AA ✓ Pass

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 7A362C Background



This preview shows how black text looks on a background with the Hex color 7A362C.

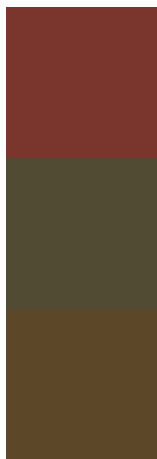


This preview shows how white text looks on a background with the Hex color 7A362C.

# 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**  
7A362C

**Protanopia**  
514B34

**Deuteranopia**  
5C4829



**Tritanopia**  
7B3438

# Trichromacy



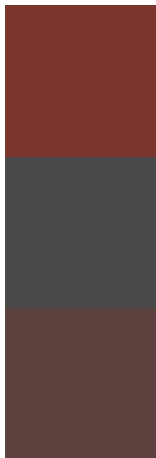
**Original Color**  
7A362C

**Protanomaly**  
604331

**Deuteranomaly**  
67412A

**Tritanomaly**  
7B3534

# Monochromacy



**Original Color**  
7A362C

**Achromatopsia**  
494949

**Achromatomaly**  
5B423E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A362C 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 #7A362C looks like.

```
.text, #text, p{  
    color:#7A362C  
}
```

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 #7A362C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A362C
}
```

## Border

The CSS property to change the border of an element to Hex 7A362C is called "border". The border property can be set on classes, ids or directly on the HTML element.

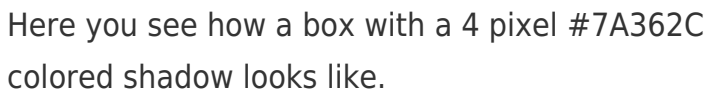
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A362C }
```

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

```
.border{ border-color:#7A362C }
```

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



Here you see how a box with a 4 pixel #7A362C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A362C; -webkit-box-shadow:4px 4px  
4px 4px #7A362C; box-shadow:4px 4px 4px  
4px #7A362C }
```

# Background

The CSS property to change the background color of an element to Hex 7A362C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A362C }
```

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

```
.background{ background-color:#7A362C }
```

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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