

Converting Colors

Hex(7A2F2A)

Have a look what the booklet for
Hex(7A2F2A) contains.

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Color

Hex(7A2F2A)

Conversions

Conversions Part 1

Format	Color
Hex	7A2F2A
RGB	122, 47, 42
RGB Percent	48%, 18%, 16%
CMY	0.5216, 0.8157, 0.8353
CMYK	0.00, 0.61, 0.66, 0.52
HSL	4°, 49%, 32%
HSV	4°, 66%, 48%
XYZ	9.4605, 6.3378, 2.9152
YIQ	68.8550, 46.3050, 14.3450

Conversions

Conversions Part 2

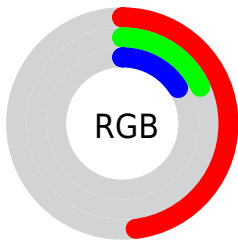
Format	Color
R_{YB}	122, 47, 42
Decimal	8007466
CIE _{Lab}	30.25, 32.37, 19.91
CIE _{LCh}	30, 38.001, 31.593
Yxy	6.3378, 0.5055, 0.3387
Android (android.graphics.Color)	4286197546 (0xFF7A2F2A)
YUV	68.8550, -13.2395, 46.6082
Hunter-Lab	25.1749, 23.0223, 10.7569

Details

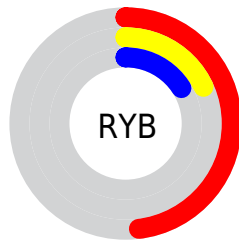
The Hex color **7A2F2A** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2A757A**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **B36057**, and **440000** is the 20% darker color. If you saturate the color by 10%, you get **7A241E**, and if you desaturate by 10%, it is **7A3A36**.

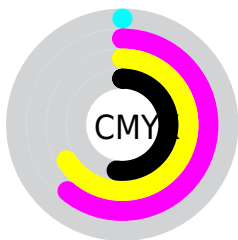
Distribution



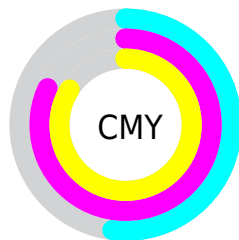
- Red (48%)
- Green (18%)
- Blue (16%)



- Red (48%)
- Yellow (18%)
- Blue (16%)



- Cyan (0%)
- Magenta (61%)
- Yellow (66%)
- Black (52%)



- Cyan (52%)
- Magenta (82%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A2F2A 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 7A2F2A by changing the saturation by 10% instead.

 7A2F2A

 7A2F2A

FFFFFF

 5F1615

 B36057

 440000

 D07A70

 2D0001

 ED9489

 000000

 FFAFA4

 FFCBBF

 FFE7DB

 FFFFF7

 7A2F2A

 7A2F2A

 7A241E

 7A3A36

 7A1812

 7A4642

 7A0D05

 7A514F

 7A0800

 7A5D5B

 7A6867

 7A7473

 7A7F7F

 7A8B8C

 7A9698

Harmonies

Analogous

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



7B2A47



7A2F2A



6C3B11

Triad

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



7A2F2A



00532A



004A83

Complementary

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



7A2F2A



2A757A

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.



00517B



7A2F2A



005548

Square

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



7A2F2A



374E0F



005565



493F7A

Rectangle

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



7A2F2A



5D4305



005565



004D82

Sweetspot

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



7A2F2A



9E807E



7A2A76



4F3D3C



CFCFCF



4F4F4F

Same Dimension

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



7A2F2A



9E2921



7A562A



3D3737



7D0800



FC1000

Inverse Universe

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



2A757A



21969E



2A4E7A



373D3D



00757D



00EDFC

Previews

White Background



This preview shows how the Hex color 7A2F2A looks on a white background.

Color Contrast Check

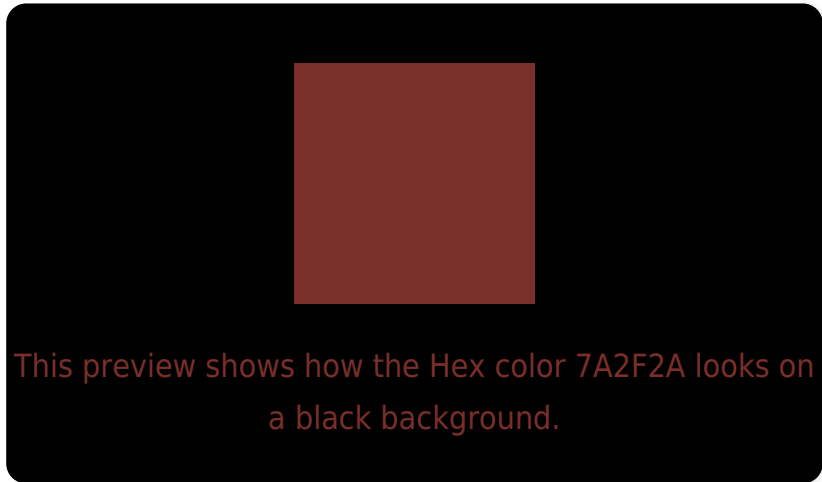
Large Text (above 18pt) WCAG AA ✓ Pass

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 7A2F2A Background



This preview shows how black text looks on a background with the Hex color 7A2F2A.

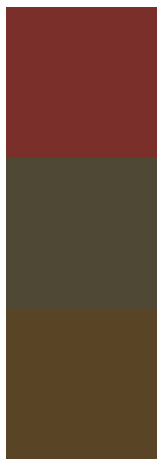


This preview shows how white text looks on a background with the Hex color 7A2F2A.

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

7A2F2A

Protanopia

4E4834

Deuteranopia

594526



Tritanopia
7A2E31

Trichromacy



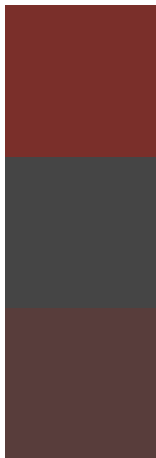
Original Color
7A2F2A

Protanomaly
5E3F30

Deuteranomaly
653D27

Tritanomaly
7A2E2E

Monochromacy



Original Color
7A2F2A

Achromatopsia
454545

Achromatomaly
583D3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A2F2A 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 #7A2F2A looks like.

```
.text, #text, p{  
    color:#7A2F2A  
}
```

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 #7A2F2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A2F2A
}
```

Border

The CSS property to change the border of an element to Hex 7A2F2A 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".

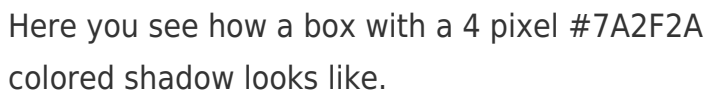
```
.border, #border, table{ border:4px solid
#7A2F2A }
```

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

```
.border{ border-color:#7A2F2A }
```

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

Here you see how a box with a 4 pixel #7A2F2A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A2F2A; -webkit-box-shadow:4px 4px  
4px 4px #7A2F2A; box-shadow:4px 4px 4px  
4px #7A2F2A }
```

Background

The CSS property to change the background color of an element to Hex 7A2F2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A2F2A }
```

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

```
.background{ background-color:#7A2F2A }
```

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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