

Converting Colors

Hex(7F2A1B)

Have a look what the booklet for
Hex(7F2A1B) contains.

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Color

Hex(7F2A1B)

Conversions

Conversions Part 1

Format	Color
Hex	7F2A1B
RGB	127, 42, 27
RGB Percent	50%, 16%, 11%
CMY	0.5020, 0.8353, 0.8941
CMYK	0.00, 0.67, 0.79, 0.50
HSL	9°, 65%, 30%
HSV	9°, 79%, 50%
XYZ	9.7782, 6.2471, 1.7274
YIQ	65.7050, 55.4750, 13.3550

Conversions

Conversions Part 2

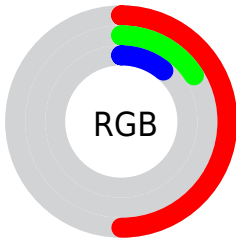
Format	Color
RYB	127, 45, 27
Decimal	8333851
CIELab	30.03, 35.89, 29.10
CIELCh	30, 46.207, 39.039
Yxy	6.2471, 0.5508, 0.3519
Android (android.graphics.Color)	4286523931 (0xFF7F2A1B)
YUV	65.7050, -19.0816, 53.7557
Hunter-Lab	24.9942, 26.0928, 13.3984

Details

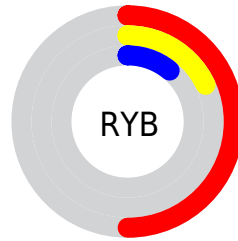
The Hex color **7F2A1B** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **1B707F**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **B95C47**, and **470000** is the 20% darker color. If you saturate the color by 10%, you get **7F1F0E**, and if you desaturate by 10%, it is **7F3528**.

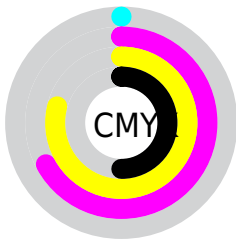
Distribution



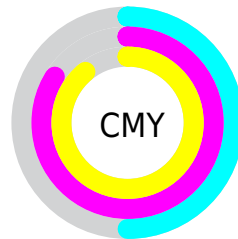
- Red (50%)
- Green (16%)
- Blue (11%)



- Red (50%)
- Yellow (18%)
- Blue (11%)



- Cyan (0%)
- Magenta (67%)
- Yellow (79%)
- Black (50%)



- Cyan (50%)
- Magenta (84%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F2A1B 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 7F2A1B by changing the saturation by 10% instead.

 7F2A1B

 7F2A1B

FFFFFF

 630F03

 B95C47

 470000

 D7765F

 2F0002

 F59078

 000000

 FFAB92

 FFC7AD

 FFE3C8

 FFFFE4

 7F2A1B

 7F2A1B

■ 7F1F0E

■ 7F3528

■ 7F1402

■ 7F4034

■ 7F1300

■ 7F4A41

■ 7F554E

■ 7F605B

■ 7F6B67

■ 7F7674

■ 7F8081

■ 7F8B8D

Harmonies

Analogous

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



861D3D



7F2A1B



6B3B00

Triad

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



7F2A1B



00552B



00488E

Complementary

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



7F2A1B



1B707F

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.



00518A



7F2A1B



005751

Square

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



7F2A1B



245104



005673



55387F

Rectangle

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



7F2A1B



584500



005673



004C8F

Sweetspot

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



7F2A1B



A6847E



7F1B70



543F3C



D4D4D4



545454

Same Dimension

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



7F2A1B



A6210A



7F5C1B



403A39



801300



000000

Inverse Universe

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



1B707F



0A8EA6



1B3E7F



393F40



006C80



000000

Previews

White Background



This preview shows how the Hex color 7F2A1B 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 7F2A1B Background



This preview shows how black text looks on a background with the Hex color 7F2A1B.

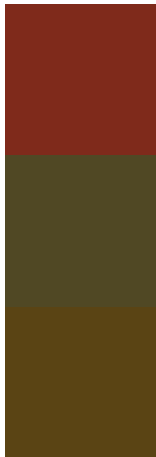


This preview shows how white text looks on a background with the Hex color 7F2A1B.

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
7F2A1B

Protanopia
504824

Deuteranopia
5A4414



Tritanopia
80282A

Trichromacy



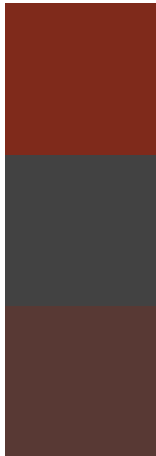
Original Color
7F2A1B

Protanomaly
613D21

Deuteranomaly
673B17

Tritanomaly
802925

Monochromacy



Original Color
7F2A1B

Achromatopsia
424242

Achromatomaly
583934

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F2A1B 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 #7F2A1B looks like.

```
.text, #text, p{  
    color:#7F2A1B  
}
```

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 #7F2A1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F2A1B
}
```

Border

The CSS property to change the border of an element to Hex 7F2A1B 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".

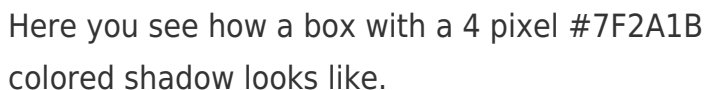
```
.border, #border, table{ border:4px solid
#7F2A1B }
```

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

```
.border{ border-color:#7F2A1B }
```

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

Here you see how a box with a 4 pixel #7F2A1B colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #7F2A1B colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F2A1B; -webkit-box-shadow:4px 4px  
4px 4px #7F2A1B; box-shadow:4px 4px 4px  
4px #7F2A1B }
```

Background

The CSS property to change the background color of an element to Hex 7F2A1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F2A1B }
```

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

```
.background{ background-color:#7F2A1B }
```

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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