

# Converting Colors

Hex(7F2A2A)

Have a look what the booklet for  
Hex(7F2A2A) contains.

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# Color

**Hex(7F2A2A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F2A2A
RGB	127, 42, 42
RGB Percent	50%, 16%, 16%
CMY	0.5020, 0.8353, 0.8353
CMYK	0.00, 0.67, 0.67, 0.50
HSL	0°, 50%, 33%
HSV	0°, 67%, 50%
XYZ	9.9983, 6.3351, 2.8863
YIQ	67.4150, 50.6600, 18.0200

# Conversions

## Conversions Part 2

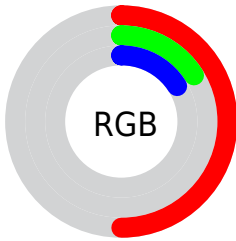
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 42, 42
Decimal	8333866
CIE Lab	30.24, 36.71, 20.10
CIE LCh	30, 41.848, 28.698
Yxy	6.3351, 0.5202, 0.3296
Android (android.graphics.Color)	4286523946 (0xFF7F2A2A)
YUV	67.4150, -12.5296, 52.2560
Hunter-Lab	25.1697, 26.8596, 10.8197

# Details

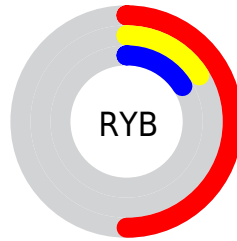
The Hex color **7F2A2A** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2A7F7F**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **B85C57**, and **480000** is the 20% darker color. If you saturate the color by 10%, you get **7F1D1D**, and if you desaturate by 10%, it is **7F3737**.

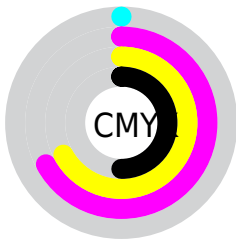
# Distribution



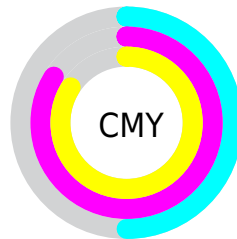
- Red (50%)
- Green (16%)
- Blue (16%)



- Red (50%)
- Yellow (16%)
- Blue (16%)



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F2A2A 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 7F2A2A by changing the saturation by 10% instead.



 7F2A2A

 7F2A2A

FFFFFF

 630F16

 B85C57

 480000

 D67670

 300002

 F49089

 000000

 FFACA3

 FFC7BF

 FFE4DA

 FFFFF7

 7F2A2A

 7F2A2A

■ 7F1D1D

■ 7F3737

■ 7F1111

■ 7F4343

■ 7F0404

■ 7F5050

■ 7F0000

■ 7F5D5D

■ 7F6A6A

■ 7F7676

■ 7F8383

■ 7F9090

■ 7F9C9C

# Harmonies

## Analogous

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



7F254A



7F2A2A



70380D

# Triad

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



7F2A2A



005423



004C89

# Complementary

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



7F2A2A



2A7F7F

# 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.



00537F



7F2A2A



005645

# Square

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



7F2A2A



384E03



005666



433F81

# Rectangle

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



7F2A2A



614100



005666



004F87



# Sweetspot

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



7F2A2A



A68585



7F2A7F



544040



D4D4D4



545454



# Same Dimension

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



7F2A2A



A62121



7F552A



403939



800000



000000



# Inverse Universe

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



2A7F7F



21A6A6



2A557F



394040



008080

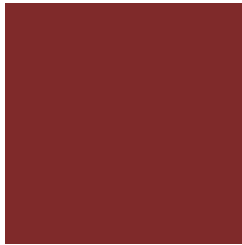


000000



# Previews

## White Background



This preview shows how the Hex color 7F2A2A looks on a white background.

## Color Contrast Check

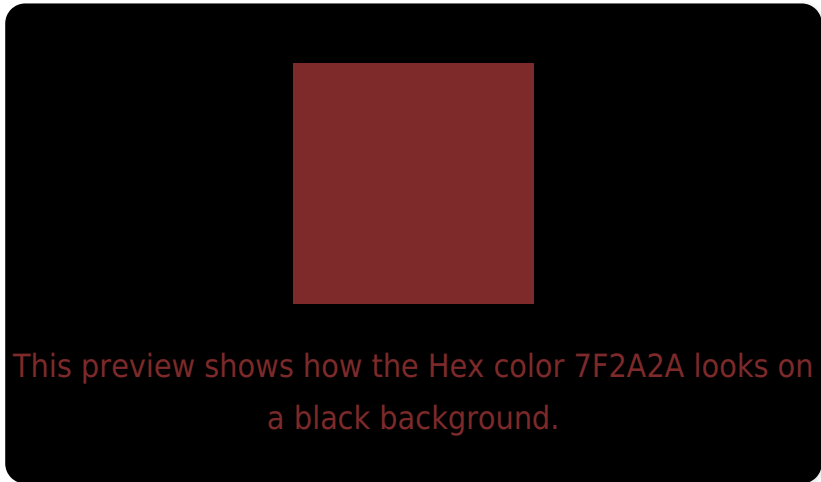
Large Text (above 18pt) WCAG AA ✓ Pass

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 7F2A2A Background



This preview shows how black text looks on a background with the Hex color 7F2A2A.

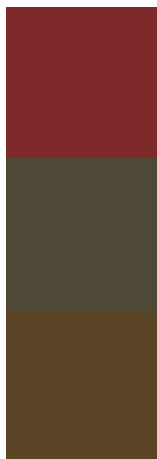


This preview shows how white text looks on a background with the Hex color 7F2A2A.

# 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**  
7F2A2A

**Protanopia**  
4E4836

**Deuteranopia**  
594525



# Trichromacy



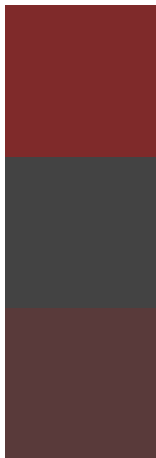
**Original Color**  
7F2A2A

**Protanomaly**  
603D32

**Deuteranomaly**  
673B27

**Tritanomaly**  
7F2A2B

# Monochromacy



**Original Color**  
7F2A2A

**Achromatopsia**  
434343

**Achromatomaly**  
593A3A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F2A2A 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 #7F2A2A looks like.

```
.text, #text, p{  
    color:#7F2A2A  
}
```

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 #7F2A2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F2A2A
}
```

## Border

The CSS property to change the border of an element to Hex 7F2A2A 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
#7F2A2A }
```

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

```
.border{ border-color:#7F2A2A }
```

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

Here you see how a box with a 4 pixel #7F2A2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F2A2A; -webkit-box-shadow:4px 4px  
4px 4px #7F2A2A; box-shadow:4px 4px 4px  
4px #7F2A2A }
```

# Background

The CSS property to change the background color of an element to Hex 7F2A2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F2A2A }
```

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

```
.background{ background-color:#7F2A2A }
```

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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