

# Converting Colors

Hex(8F2A1B)

Have a look what the booklet for  
Hex(8F2A1B) contains.

<b>Hex(8F2A1B)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(8F2A1B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8F2A1B
RGB	143, 42, 27
RGB Percent	56%, 16%, 11%
CMY	0.4392, 0.8353, 0.8941
CMYK	0.00, 0.71, 0.81, 0.44
HSL	8°, 68%, 33%
HSV	8°, 81%, 56%
XYZ	12.3535, 7.5747, 1.8479
YIQ	70.4890, 65.0110, 16.7470

# Conversions

## Conversions Part 2

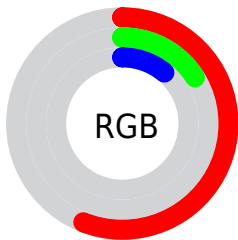
Format	Color
<a href="#">RYB</a>	<a href="#">143, 44, 27</a>
Decimal	<a href="#">9382427</a>
CIELab	<a href="#">33.08, 41.72, 33.23</a>
CIElCh	<a href="#">33, 53.331, 38.536</a>
Yxy	<a href="#">7.5747, 0.5673, 0.3478</a>
Android (android.graphics.Color)	<a href="#">4287572507 (0xFF8F2A1B)</a>
YUV	<a href="#">70.4890, -21.4401, 63.5921</a>
Hunter-Lab	<a href="#">27.5222, 31.9570, 15.2847</a>

# Details

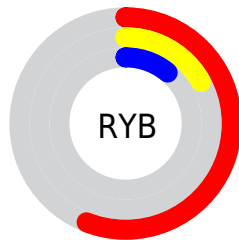
The Hex color **8F2A1B** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **1B808F**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **CB5E48**, and **550000** is the 20% darker color. If you saturate the color by 10%, you get **8F1E0D**, and if you desaturate by 10%, it is **8F3629**.

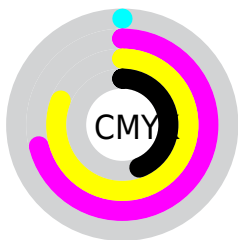
# Distribution



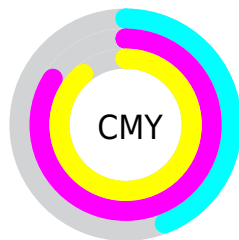
- Red (56%)
- Green (16%)
- Blue (11%)



- Red (56%)
- Yellow (17%)
- Blue (11%)



- Cyan (0%)
- Magenta (71%)
- Yellow (81%)
- Black (44%)



- Cyan (44%)
- Magenta (84%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8F2A1B 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 8F2A1B by changing the saturation by 10% instead.



 8F2A1B

 8F2A1B

FFFFFF

 720C03

 CB5E48

 550000

 E97860

 3A0000

 FF9379

 180001

 FFAE93

 000000

 FFCAAE

 FFE7C9

 FFFF55

 8F2A1B

 8F2A1B

■ 8F1E0D

■ 8F3629

■ 8F1200

■ 8F4338

■ 8F4F46

■ 8F5C54

■ 8F6862

■ 8F7571

■ 8F817F

■ 8F8E8D

■ 8F9A9C

# Harmonies

## Analogous

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



971744



8F2A1B



774000

# Triad

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



8F2A1B



005E2D



004FA2

# Complementary

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



8F2A1B



1B808F

# 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.



005B9D



8F2A1B



006059

# Square

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



8F2A1B



245900



005F82



5C3C90

# Rectangle

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



8F2A1B



614B00



005F82



0054A3



# Sweetspot

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



8F2A1B



BA938D



8F1B81



5E4743



DEDEDE



5E5E5E



# Same Dimension

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



8F2A1B



BA1D06



8F631B



474140



871100



080100



# Inverse Universe

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



1B808F



06A3BA



1B478F



404647



007687



000708



# Previews

## White Background



This preview shows how the Hex color 8F2A1B 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 8F2A1B Background



This preview shows how black text looks on a background with the Hex color 8F2A1B.



This preview shows how white text looks on a background with the Hex color 8F2A1B.

# 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**  
8F2A1B

**Protanopia**  
584F25

**Deuteranopia**  
644B11



**Tritanopia**  
8F282A

# Trichromacy



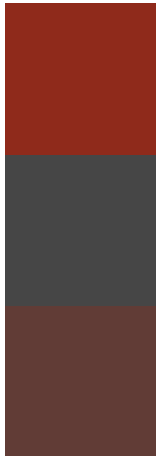
**Original Color**  
8F2A1B

**Protanomaly**  
6C4221

**Deuteranomaly**  
743F15

**Tritanomaly**  
8F2925

# Monochromacy



**Original Color**  
8F2A1B

**Achromatopsia**  
464646

**Achromatomaly**  
613C36

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8F2A1B 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 #8F2A1B looks like.

```
.text, #text, p{  
    color:#8F2A1B  
}
```

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 #8F2A1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8F2A1B
}
```

## Border

The CSS property to change the border of an element to Hex 8F2A1B 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
#8F2A1B }
```

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

```
.border{ border-color:#8F2A1B }
```

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

Here you see how a box with a 4 pixel #8F2A1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8F2A1B; -webkit-box-shadow:4px 4px  
4px 4px #8F2A1B; box-shadow:4px 4px 4px  
4px #8F2A1B }
```

# Background

The CSS property to change the background color of an element to Hex 8F2A1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8F2A1B }
```

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

```
.background{ background-color:#8F2A1B }
```

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](#).



Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor