

Converting Colors

Hex(F9231F)

Have a look what the booklet for
Hex(F9231F) contains.

Hex(F9231F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F9231F)

Conversions

Conversions Part 1

Format	Color
Hex	F9231F
RGB	249, 35, 31
RGB Percent	98%, 14%, 12%
CMY	0.0235, 0.8627, 0.8784
CMYK	0.00, 0.86, 0.88, 0.02
HSL	1°, 95%, 55%
HSV	1°, 88%, 98%
XYZ	39.9153, 21.4407, 3.3310
YIQ	98.5300, 128.8280, 44.1240

Conversions

Conversions Part 2

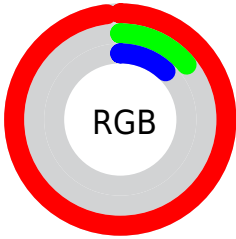
Format	Color
R_{YB}	249, 35, 31
Decimal	16327455
CIE _{Lab}	53.43, 75.17, 57.15
CIE _{LCh}	53, 94.429, 37.247
Yxy	21.4407, 0.6171, 0.3315
Android (android.graphics.Color)	4294517535 (0xFFFF9231F)
YUV	98.5300, -33.2923, 131.9622
Hunter-Lab	46.3041, 72.8390, 28.1477

Details

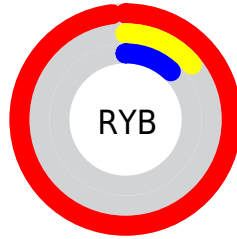
The Hex color **F9231F** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **1FF5F9**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **FF6A50**, and **B70000** is the 20% darker color. If you saturate the color by 10%, you get **F90B06**, and if you desaturate by 10%, it is **F93B38**.

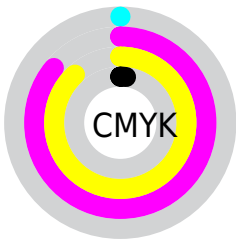
Distribution



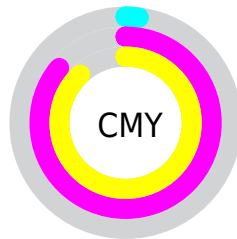
- Red (98%)
- Green (14%)
- Blue (12%)



- Red (98%)
- Yellow (14%)
- Blue (12%)



- Cyan (0%)
- Magenta (86%)
- Yellow (88%)
- Black (2%)



- Cyan (2%)
- Magenta (86%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color F9231F 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 F9231F by changing the saturation by 10% instead.

 F9231F

 F9231F

FFFFFF

 D80004

 FF6A50

 B70000

 FF8869

 950000

 FFA683

 750001

 FFC49D

 560003

 FFE2B8

 370002

 FFFFD4

 0A0000

 FFFFF1

 000000

 F9231F

 F9231F

 F90B06

 F93B38

 F90500

 F95451

 F96C6A

 F98583

 F99D9B

 F9B6B4

 F9CECD

 F9E7E6

 F9FFFF

Harmonies

Analogous

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



FF0070



F9231F



CC6200

Triad

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



F9231F



009D3B



0085FF

Complementary

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



F9231F



1FF5F9

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.



0099FF



F9231F



00A092

Square

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



F9231F



209400



00A0E2



915DFF

Rectangle

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



F9231F



A27A00



00A0E2



008EFF

Sweetspot

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



F9231F



FFBEBD



F91FF5



805958



000000



808080

Same Dimension

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



F9231F



FF0500



F9901F



7D7170



BD0300



3D0100

Inverse Universe

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



1FF5F9



00FAFF



1F88F9



707D7D



00B9BD



003C3D

Previews

White Background



This preview shows how the Hex color F9231F looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex F9231F Background



This preview shows how black text looks on a background with the Hex color F9231F.



This preview shows how white text looks on a background with the Hex color F9231F.

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
F9231F

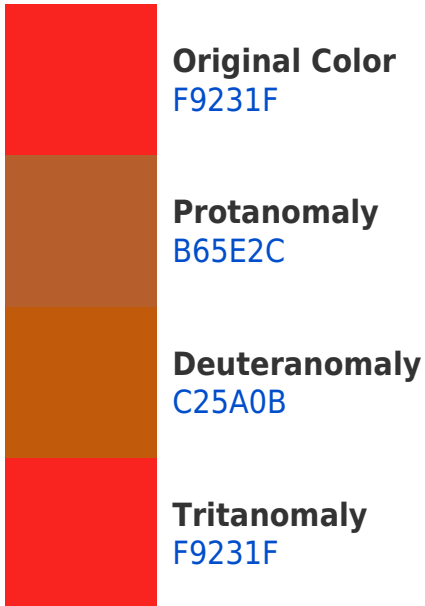
Protanopia
8F8034

Deuteranopia
A27A00



Tritanopia
F9231F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F9231F 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 #F9231F looks like.

```
.text, #text, p{  
    color:#F9231F  
}
```

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 #F9231F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F9231F
}
```

Border

The CSS property to change the border of an element to Hex F9231F is called "border". The border property can be set on classes, ids or directly on the HTML element.

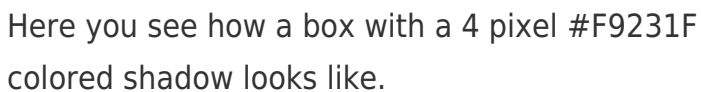
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F9231F }
```

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

```
.border{ border-color:#F9231F }
```

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



Here you see how a box with a 4 pixel #F9231F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F9231F; -webkit-box-shadow:4px 4px  
4px 4px #F9231F; box-shadow:4px 4px 4px  
4px #F9231F }
```

Background

The CSS property to change the background color of an element to Hex F9231F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F9231F }
```

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

```
.background{ background-color:#F9231F }
```

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