

Converting Colors

Hex(F91B1B)

Have a look what the booklet for
Hex(F91B1B) contains.

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Color

Hex(F91B1B)

Conversions

Conversions Part 1

Format	Color
Hex	F91B1B
RGB	249, 27, 27
RGB Percent	98%, 11%, 11%
CMY	0.0235, 0.8941, 0.8941
CMYK	0.00, 0.89, 0.89, 0.02
HSL	0°, 95%, 54%
HSV	0°, 89%, 98%
XYZ	39.6567, 21.0027, 3.0007
YIQ	93.3780, 132.3120, 47.0640

Conversions

Conversions Part 2

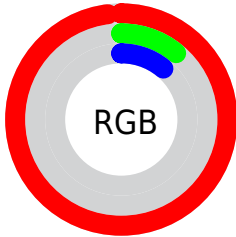
Format	Color
RYB	249, 27, 27
Decimal	16325403
CIELab	52.95, 76.41, 58.47
CIElCh	53, 96.216, 37.425
Yxy	21.0027, 0.6229, 0.3299
Android (android.graphics.Color)	4294515483 (0xFFFF91B1B)
YUV	93.3780, -32.7244, 136.4805
Hunter-Lab	45.8287, 74.2599, 28.1980

Details

The Hex color **F91B1B** 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 **1BF9F9**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **FF674C**, and **B60000** is the 20% darker color. If you saturate the color by 10%, you get **F90202**, and if you desaturate by 10%, it is **F93434**.

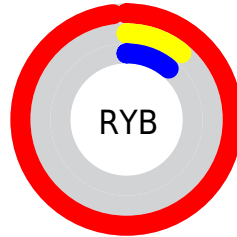
Distribution



Red (98%)

Green (11%)

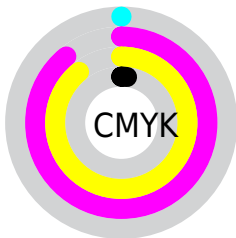
Blue (11%)



Red (98%)

Yellow (11%)

Blue (11%)

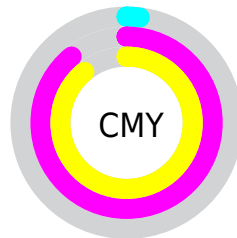


Cyan (0%)

Magenta (89%)

Yellow (89%)

Black (2%)



Cyan (2%)

Magenta (89%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color F91B1B 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 F91B1B by changing the saturation by 10% instead.

 F91B1B

 F91B1B

FFFFFF

 D70000

 FF674C

 B60000

 FF8565

 950000

 FFA37F

 750001

 FFC199

 560003

 FFDFB5

 360002

 FFFED1

 080000

 FFFFED

 000000

 F91B1B

 F91B1B

 F90202

 F93434

 F90000

 F94D4D

 F96666

 F97F7F

 F99797

 F9B0B0

 F9C9C9

 F9E2E2

 F9FBFB

Harmonies

Analogous

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



FF006E



F91B1B



CB6100

Triad

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



F91B1B



009C38



0084FF

Complementary

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



F91B1B



1BF9F9

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.



0098FF



F91B1B



009F92

Square

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



F91B1B



149400



009FE2



905BFF

Rectangle

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



F91B1B



A07900



009FE2



008DFF

Sweetspot

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



F91B1B



FFBABA



F91BF9



805757



000000



808080

Same Dimension

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



F91B1B



FF0000



F98A1B



7D7070



BD0000



3D0000

Inverse Universe

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



1BF9F9



00FFFF



1B8AF9



707D7D



00BDBD



003D3D

Previews

White Background



This preview shows how the Hex color F91B1B looks on a white background.

Color Contrast Check

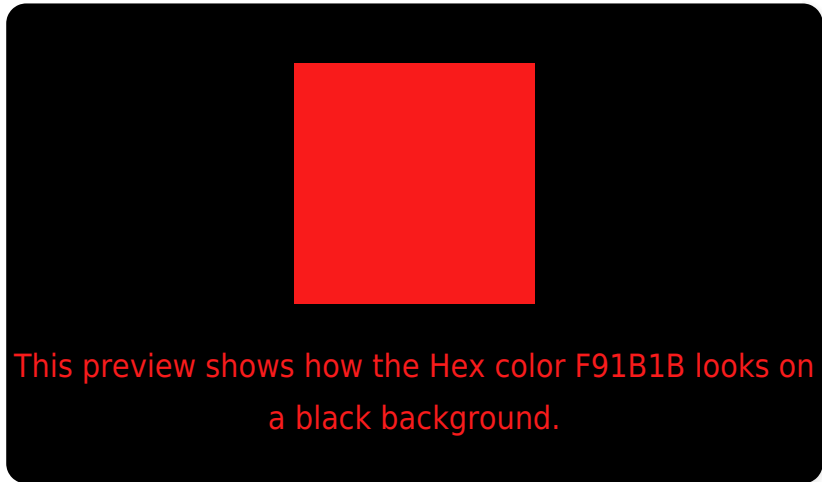
Large Text (above 18pt) WCAG AA ✓ Pass

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 F91B1B Background



This preview shows how black text looks on a background with the Hex color F91B1B.



This preview shows how white text looks on a background with the Hex color F91B1B.

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
F91B1B

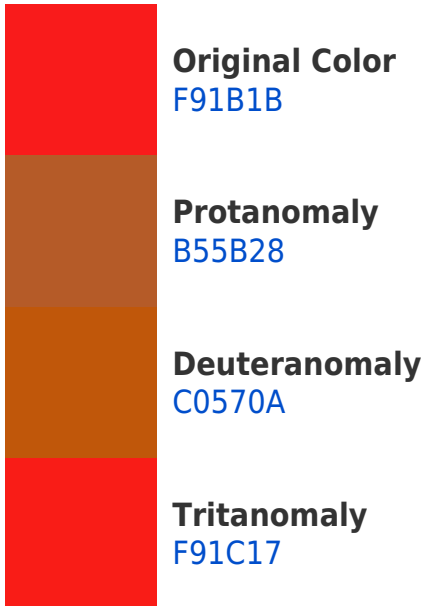
Protanopia
8E7F30

Deuteranopia
A07900



Tritanopia
F91C14

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F91B1B 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 #F91B1B looks like.

```
.text, #text, p{  
    color:#F91B1B  
}
```

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 #F91B1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F91B1B
}
```

Border

The CSS property to change the border of an element to Hex F91B1B is called "border". The border property can be set on classes, ids or directly on the HTML element.

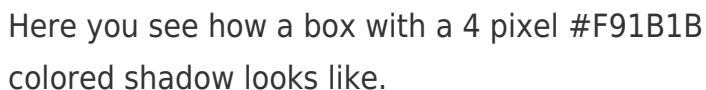
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F91B1B }
```

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

```
.border{ border-color:#F91B1B }
```

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



Here you see how a box with a 4 pixel `#F91B1B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F91B1B; -webkit-box-shadow:4px 4px  
4px 4px #F91B1B; box-shadow:4px 4px 4px  
4px #F91B1B }
```

Background

The CSS property to change the background color of an element to Hex F91B1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F91B1B }
```

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

```
.background{ background-color:#F91B1B }
```

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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