

# Converting Colors

Hex(F23F2F)

Have a look what the booklet for  
Hex(F23F2F) contains.

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# Color

Hex(F23F2F)

# Conversions

## Conversions Part 1

Format	Color
Hex	F23F2F
RGB	242, 63, 47
RGB Percent	95%, 25%, 18%
CMY	0.0510, 0.7529, 0.8157
CMYK	0.00, 0.74, 0.81, 0.05
HSL	5°, 88%, 57%
HSV	5°, 81%, 95%
XYZ	38.9085, 22.6375, 5.0081
YIQ	114.6970, 111.8200, 32.9720

# Conversions

## Conversions Part 2

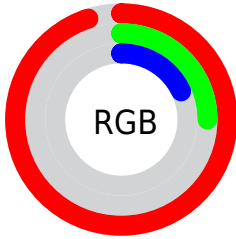
Format	Color
<b>R<sub>YB</sub></b>	242, 64, 47
Decimal	15875887
CIE Lab	54.70, 66.53, 50.23
CIE LCh	55, 83.361, 37.056
Yxy	22.6375, 0.5846, 0.3401
Android (android.graphics.Color)	4294065967 (0xFFFF23F2F)
YUV	114.6970, -33.3746, 111.6447
Hunter-Lab	47.5789, 62.7088, 27.0644

# Details

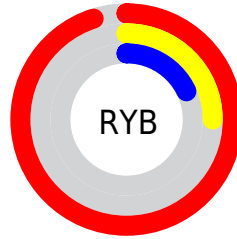
The Hex color **F23F2F** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **2FE2F2**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF7B5F**, and **B10000** is the 20% darker color. If you saturate the color by 10%, you get **F22917**, and if you desaturate by 10%, it is **F25547**.

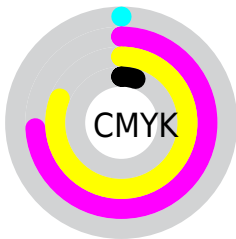
# Distribution



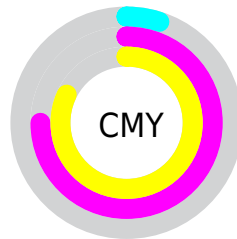
- Red (95%)
- Green (25%)
- Blue (18%)



- Red (95%)
- Yellow (25%)
- Blue (18%)



- Cyan (0%)
- Magenta (74%)
- Yellow (81%)
- Black (5%)



- Cyan (5%)
- Magenta (75%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F23F2F 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 F23F2F by changing the saturation by 10% instead.



 F23F2F

 F23F2F

FFFFFF

 D11818


 FF7B5F

 B10000

 FF9879

 910000

 FFB593

 710000

 FFD2AE

 520002

 FFF0C9

 350002

 FFFFE6

 010000

 000000

 F23F2F

 F23F2F

 F22917

 F25547

 F21400

 F26B5F

 F28278

 F29890

 F2AEA8

 F2C4C0

 F2DBD8

 F2F1F1

 F2FFFF

# Harmonies

## Analogous

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



FE0D75



F23F2F



CA6900

# Triad

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



F23F2F



009E46



0087FF

# Complementary

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



F23F2F



2FE2F2

# 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



F23F2F



00A193

# Square

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



F23F2F



3D9600



00A0D9



9566F8

# Rectangle

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



F23F2F



A57E00



00A0D9



008FFF



# Sweetspot

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



F23F2F



FFC7C2



F22FE5



805E5B



000000



808080



# Same Dimension

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



F23F2F



FF1C08



F29D2F



786D6C



B80F00



380500



# Inverse Universe

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



2FE2F2



08EBFF



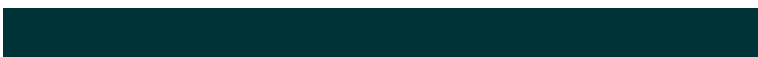
2F84F2



6C7778



00A9B8



003338



# Previews

## White Background



This preview shows how the Hex color F23F2F 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 F23F2F Background



This preview shows how black text looks on a background with the Hex color F23F2F.



This preview shows how white text looks on a background with the Hex color F23F2F.

# 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**  
F23F2F

**Protanopia**  
918342

**Deuteranopia**  
A57D1F



**Tritanopia**  
F23D3F

# Trichromacy



**Original Color**  
F23F2F

**Protanomaly**  
B46A3B

**Deuteranomaly**  
C16625

**Tritanomaly**  
F23E39

# Monochromacy



**Original Color**  
F23F2F

**Achromatopsia**  
737373

**Achromatomaly**  
A1605A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F23F2F 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 #F23F2F looks like.

```
.text, #text, p{  
    color:#F23F2F  
}
```

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 #F23F2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F23F2F
}
```

## Border

The CSS property to change the border of an element to Hex F23F2F is called "border". The border property can be set on classes, ids or directly on the HTML element.

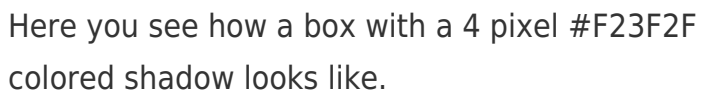
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F23F2F }
```

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

```
.border{ border-color:#F23F2F }
```

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



Here you see how a box with a 4 pixel `#F23F2F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F23F2F; -webkit-box-shadow:4px 4px  
4px 4px #F23F2F; box-shadow:4px 4px 4px  
4px #F23F2F }
```

# Background

The CSS property to change the background color of an element to Hex F23F2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F23F2F }
```

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

```
.background{ background-color:#F23F2F }
```

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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