

# Converting Colors

Hex(FA2D2F)

Have a look what the booklet for  
Hex(FA2D2F) contains.

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**Color**

**Hex(FA2D2F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FA2D2F
RGB	250, 45, 47
RGB Percent	98%, 18%, 18%
CMY	0.0196, 0.8235, 0.8157
CMYK	0.00, 0.82, 0.81, 0.02
HSL	359°, 95%, 58%
HSV	359°, 82%, 98%
XYZ	40.8758, 22.4060, 4.8597
YIQ	106.5230, 121.5380, 44.0820

# Conversions

## Conversions Part 2

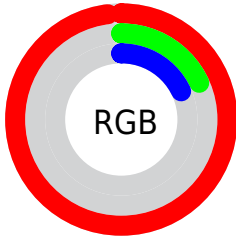
Format	Color
<a href="#">RYB</a>	<a href="#">250, 45, 47</a>
Decimal	<a href="#">16395567</a>
CIELab	<a href="#">54.46, 73.72, 50.53</a>
CIELCh	<a href="#">54, 89.378, 34.427</a>
Yxy	<a href="#">22.4060, 0.5999, 0.3288</a>
Android (android.graphics.Color)	<a href="#">4294585647 (0xFFFA2D2F)</a>
YUV	<a href="#">106.5230, -29.3448, 125.8293</a>
Hunter-Lab	<a href="#">47.3350, 71.3063, 27.0474</a>

# Details

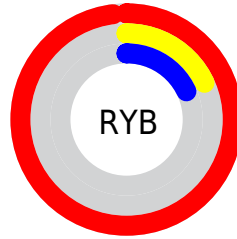
The Hex color **FA2D2F** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **2DFAF8**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FF705F**, and **B80001** is the 20% darker color. If you saturate the color by 10%, you get **FA1416**, and if you desaturate by 10%, it is **FA4648**.

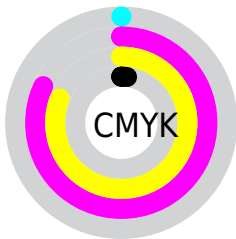
# Distribution



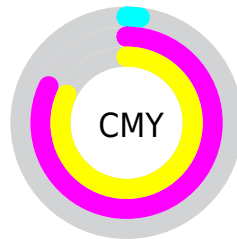
- Red (98%)
- Green (18%)
- Blue (18%)



- Red (98%)
- Yellow (18%)
- Blue (18%)



- Cyan (0%)
- Magenta (82%)
- Yellow (81%)
- Black (2%)



- Cyan (2%)
- Magenta (82%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FA2D2F 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 FA2D2F by changing the saturation by 10% instead.



 FA2D2F

 FA2D2F

FFFFFF

 D90018

 FF705F

 B80001

 FF8E78

 970000

 FFAC92

 770000

 FFC9AD

 580003

 FFE7C9

 390002

 FFFF E5

 100000

 000000

 FA2D2F

 FA2D2F

 FA1416

 FA4648

 FA0002

 FA5F61

 FA7879

 FA9192

 FAAAAB

 FAC3C4

 FADCDC

 FAF5F5

 FAFFFF

# Harmonies

## Analogous

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



FF007B



FA2D2F



D16300

# Triad

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



FA2D2F



009E39



008AFF

# Complementary

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



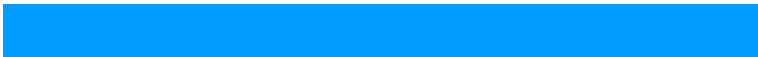
FA2D2F



2DFAF8

# 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.



009BFF



FA2D2F



00A28C

# Square

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



FA2D2F



3E9500



00A2D9



8867FF

# Rectangle

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



FA2D2F



AB7A00



00A2D9



0091FF



# Sweetspot

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



FA2D2F



FFBFC0



F72DFA



80595A



000000



808080



# Same Dimension

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



FA2D2F



FF0508



FA902D



7D7071



BD0002



3D0001



# Inverse Universe

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



FA2D2F



FF0508



2D97FA



7D7071



BD0002



3D0001



# Previews

## White Background



This preview shows how the Hex color FA2D2F looks on a white background.

## Color Contrast Check

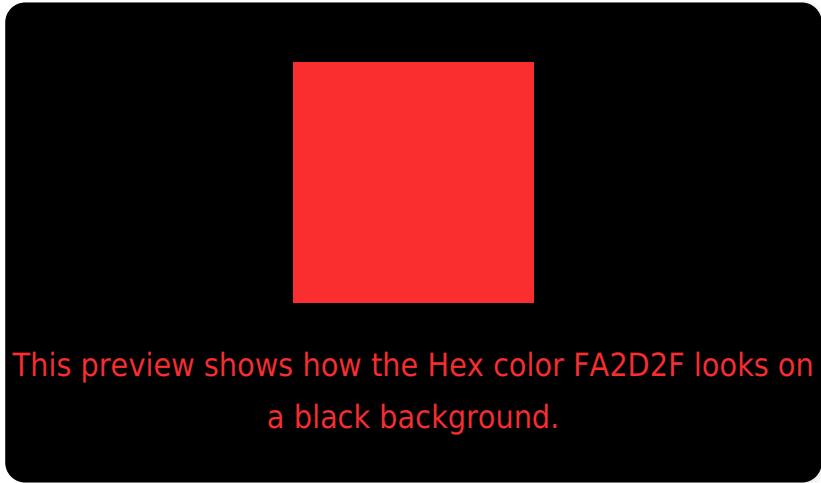
Large Text (above 18pt) WCAG AA ✓ Pass

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 FA2D2F Background



This preview shows how black text looks on a background with the Hex color FA2D2F.



This preview shows how white text looks on a background with the Hex color FA2D2F.

# 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**  
FA2D2F

**Protanopia**  
908346

**Deuteranopia**  
A57C1C



# Trichromacy



**Original Color**  
FA2D2F

**Protanomaly**  
B7643E

**Deuteranomaly**  
C45F23

**Tritanomaly**  
FA2D2D

# Monochromacy



**Original Color**  
FA2D2F

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
9F5455

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FA2D2F 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 #FA2D2F looks like.

```
.text, #text, p{  
    color:#FA2D2F  
}
```

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 #FA2D2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA2D2F
}
```

## Border

The CSS property to change the border of an element to Hex FA2D2F is called "border". The border property can be set on classes, ids or directly on the HTML element.

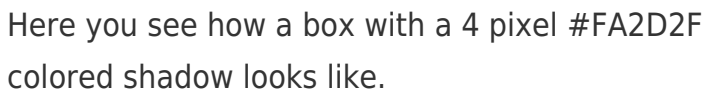
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FA2D2F }
```

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

```
.border{ border-color:#FA2D2F }
```

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



Here you see how a box with a 4 pixel `#FA2D2F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA2D2F; -webkit-box-shadow:4px 4px  
4px 4px #FA2D2F; box-shadow:4px 4px 4px  
4px #FA2D2F }
```

# Background

The CSS property to change the background color of an element to Hex FA2D2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA2D2F }
```

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

```
.background{ background-color:#FA2D2F }
```

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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