

# Converting Colors

Hex(F42C2B)

Have a look what the booklet for  
Hex(F42C2B) contains.

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**Color**

**Hex(F42C2B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F42C2B
RGB	244, 44, 43
RGB Percent	96%, 17%, 17%
CMY	0.0431, 0.8275, 0.8314
CMYK	0.00, 0.82, 0.82, 0.04
HSL	0°, 90%, 56%
HSV	0°, 82%, 96%
XYZ	38.6450, 21.2089, 4.3424
YIQ	103.6860, 119.5210, 42.0890

# Conversions

## Conversions Part 2

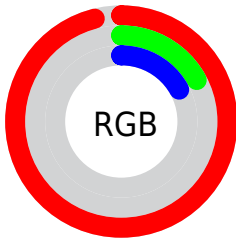
Format	Color
<a href="#">RYB</a>	<a href="#">244, 44, 43</a>
Decimal	<a href="#">16002091</a>
CIELab	<a href="#">53.18, 72.24, 50.94</a>
CIELCh	<a href="#">53, 88.391, 35.191</a>
Yxy	<a href="#">21.2089, 0.6020, 0.3304</a>
Android (android.graphics.Color)	<a href="#">4294192171 (0xFFFF42C2B)</a>
YUV	<a href="#">103.6860, -29.9182, 123.0554</a>
Hunter-Lab	<a href="#">46.0531, 69.1934, 26.6466</a>

# Details

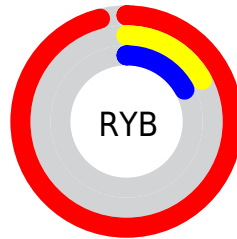
The Hex color **F42C2B** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **2BF3F4**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **FF6E5B**, and **B20000** is the 20% darker color. If you saturate the color by 10%, you get **F41413**, and if you desaturate by 10%, it is **F44443**.

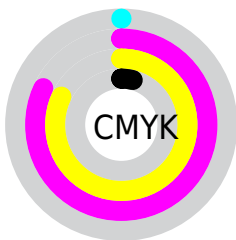
# Distribution



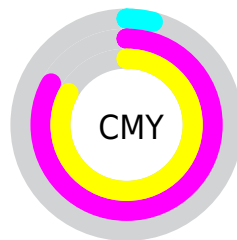
- Red (96%)
- Green (17%)
- Blue (17%)



- Red (96%)
- Yellow (17%)
- Blue (17%)



- Cyan (0%)
- Magenta (82%)
- Yellow (82%)
- Black (4%)



- Cyan (4%)
- Magenta (83%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F42C2B 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 F42C2B by changing the saturation by 10% instead.



 F42C2B

 F42C2B

FFFFFF

 D30014

 FF6E5B

 B20000

 FF8C74

 920000

 FFAA8E

 720000

 FFC7A9

 530003

 FFE5C4

 340002

 FFFFEO

 000000

 FFFFFD

 F42C2B

 F42C2B

 F41413

 F44443

 F40100

 F45D5C

 F47574

 F48D8D

 F4A5A5

 F4BEBD

 F4D6D6

 F4EEEE

 F4FFFF

# Harmonies

## Analogous

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



FF0075



F42C2B



CB6100

# Triad

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



F42C2B



009A39



0086FF

# Complementary

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



F42C2B



2BF3F4

# 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.



0097FF



F42C2B



009E8B

# Square

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



F42C2B



389200



009ED6



8863FD

# Rectangle

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



F42C2B



A57800



009ED6



008DFF



# Sweetspot

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



F42C2B



FFC0BF



F42BF4



805959



000000



808080



# Same Dimension

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



F42C2B



FF0403



F4902B



7A6E6E



BA0100



3B0000



# Inverse Universe

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



2BF3F4



03FEFF



2B90F4



6E7A7A



00B9BA



003A3B



# Previews

## White Background



This preview shows how the Hex color F42C2B looks on a white background.

## Color Contrast Check

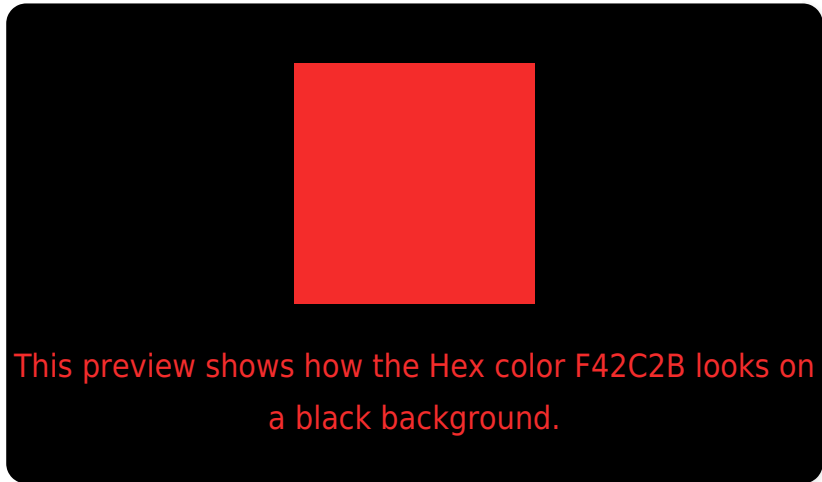
Large Text (above 18pt) WCAG AA ✓ Pass

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 F42C2B Background



This preview shows how black text looks on a background with the Hex color F42C2B.



This preview shows how white text looks on a background with the Hex color F42C2B.

# 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**  
F42C2B

**Protanopia**  
8D8040

**Deuteranopia**  
A17915



**Tritanopia**  
F42C2B

# Trichromacy



**Original Color**  
F42C2B

**Protanomaly**  
B26138

**Deuteranomaly**  
BF5D1D

**Tritanomaly**  
F42C2B

# Monochromacy



**Original Color**  
F42C2B

**Achromatopsia**  
686868

**Achromatomaly**  
9B5252

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F42C2B 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 #F42C2B looks like.

```
.text, #text, p{  
    color:#F42C2B  
}
```

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 #F42C2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F42C2B } }
```

## Border

The CSS property to change the border of an element to Hex F42C2B 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 #F42C2B } }
```

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

```
.border{ border-color:#F42C2B }
```

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

Here you see how a box with a 4 pixel #F42C2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F42C2B; -webkit-box-shadow:4px 4px  
4px 4px #F42C2B; box-shadow:4px 4px 4px  
4px #F42C2B }
```

# Background

The CSS property to change the background color of an element to Hex F42C2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F42C2B }
```

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

```
.background{ background-color:#F42C2B }
```

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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