

# Converting Colors

Hex(F73B2C)

Have a look what the booklet for  
Hex(F73B2C) contains.

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**Color**

**Hex(F73B2C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F73B2C
RGB	247, 59, 44
RGB Percent	97%, 23%, 17%
CMY	0.0314, 0.7686, 0.8275
CMYK	0.00, 0.76, 0.82, 0.03
HSL	4°, 93%, 57%
HSV	4°, 82%, 97%
XYZ	40.3764, 23.0839, 4.7104
YIQ	113.5020, 116.8630, 35.1910

# Conversions

## Conversions Part 2

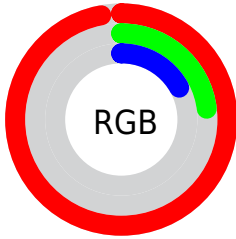
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	247, 60, 44
Decimal	16202540
CIE Lab	55.16, 69.15, 52.48
CIE LCh	55, 86.806, 37.196
Yxy	23.0839, 0.5923, 0.3386
Android (android.graphics.Color)	4294392620 (0xFFFF73B2C)
YUV	113.5020, -34.2645, 117.0777
Hunter-Lab	48.0457, 65.9266, 27.8192

# Details

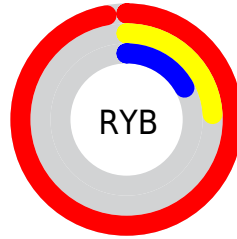
The Hex color **F73B2C** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **2CE8F7**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF795C**, and **B50000** is the 20% darker color. If you saturate the color by 10%, you get **F72413**, and if you desaturate by 10%, it is **F75245**.

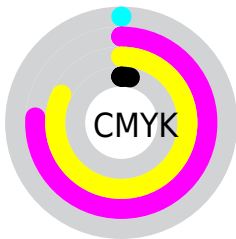
# Distribution



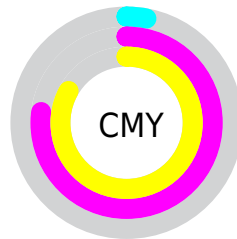
- Red (97%)
- Green (23%)
- Blue (17%)



- Red (97%)
- Yellow (24%)
- Blue (17%)



- Cyan (0%)
- Magenta (76%)
- Yellow (82%)
- Black (3%)



- Cyan (3%)
- Magenta (77%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F73B2C 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 F73B2C by changing the saturation by 10% instead.



 F73B2C

 F73B2C

FFFFFF

 D60E14

 FF795C

 B50000

 FF9676

 950000

 FFB390

 750000

 FFD1AB

 560002

 FFEFC6

 380002

 FFFF E3

 0D0000

 000000

 F73B2C

 F73B2C

 F72413

 F75245

 F71200

 F7695D

 F78076

 F7968F

 F7ADA7

 F7C4C0

 F7DBD9

 F7F2F2

 F7FFFF

# Harmonies

## Analogous

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



FF0076



F73B2C



CD6A00

# Triad

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



F73B2C



00A045



0089FF

# Complementary

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



F73B2C



2CE8F7

# 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



F73B2C



00A395

# Square

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



F73B2C



389800



00A3DE



9765FE

# Rectangle

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



F73B2C



A67F00



00A3DE



0090FF



# Sweetspot

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



F73B2C



FFC4BF



F72CE9



805C59



000000



808080



# Same Dimension

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



F73B2C



FF1503



F79F2C



7A6F6E



BA0E00

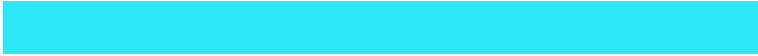


3B0400



# Inverse Universe

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



2CE8F7



03ECFF



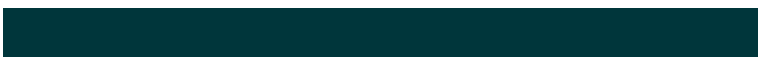
2C84F7



6E797A



00ACBA



00363B



# Previews

## White Background



This preview shows how the Hex color F73B2C looks on a white background.

## Color Contrast Check

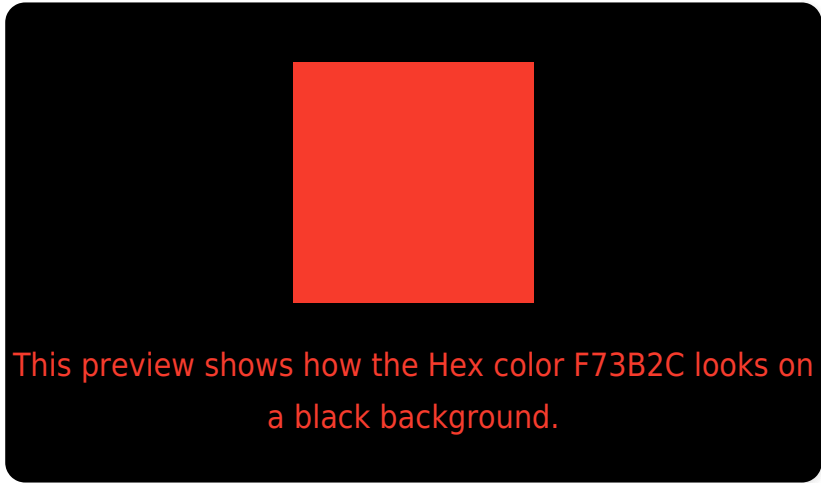
Large Text (above 18pt) WCAG AA ✓ Pass

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 F73B2C Background



This preview shows how black text looks on a background with the Hex color F73B2C.



This preview shows how white text looks on a background with the Hex color F73B2C.

# 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**  
F73B2C

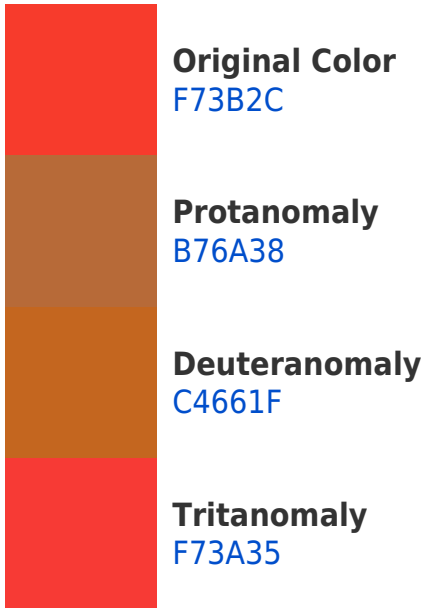
**Protanopia**  
93853F

**Deuteranopia**  
A77E18

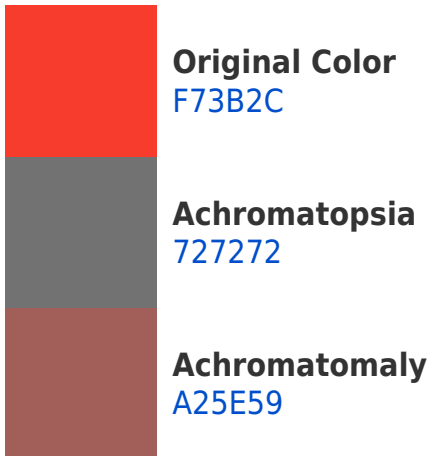


**Tritanopia**  
F7393A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F73B2C 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 #F73B2C looks like.

```
.text, #text, p{  
    color:#F73B2C  
}
```

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 #F73B2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F73B2C
}
```

## Border

The CSS property to change the border of an element to Hex F73B2C is called "border". The border property can be set on classes, ids or directly on the HTML element.

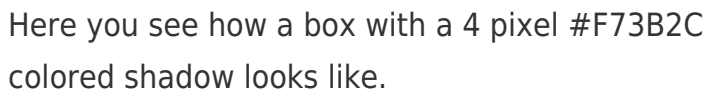
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F73B2C }
```

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

```
.border{ border-color:#F73B2C }
```

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



Here you see how a box with a 4 pixel #F73B2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F73B2C; -webkit-box-shadow:4px 4px  
4px 4px #F73B2C; box-shadow:4px 4px 4px  
4px #F73B2C }
```

# Background

The CSS property to change the background color of an element to Hex F73B2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F73B2C }
```

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

```
.background{ background-color:#F73B2C }
```

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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