

# Converting Colors

Hex(F17B2C)

Have a look what the booklet for  
Hex(F17B2C) contains.

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# **Color**

**Hex(F17B2C)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | F17B2C                    |
| RGB         | 241, 123, 44              |
| RGB Percent | 95%, 48%, 17%             |
| CMY         | 0.0549, 0.5176, 0.8275    |
| CMYK        | 0.00, 0.49, 0.82, 0.05    |
| HSL         | 24°, 88%, 56%             |
| HSV         | 24°, 82%, 95%             |
| XYZ         | 43.8132, 33.0485, 6.4527  |
| YIQ         | 149.2760, 95.6870, 0.4470 |

# Conversions

## Conversions Part 2

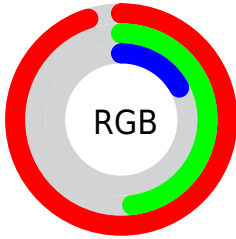
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 241, 176, 44                   |
| Decimal                             | 15825708                       |
| CIE Lab                             | 64.20, 40.55, 60.30            |
| CIE LCh                             | 64, 72.668, 56.080             |
| Yxy                                 | 33.0485, 0.5259,<br>0.3967     |
| Android<br>(android.graphics.Color) | 4294015788<br>(0xFFFF17B2C)    |
| YUV                                 | 149.2760, -51.9011,<br>80.4419 |
| Hunter-Lab                          | 57.4879, 35.4364,<br>33.5866   |

# Details

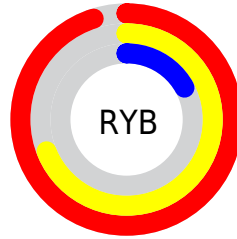
The Hex color **F17B2C** is a dark color, and the websafe version is hex **CC6600**. The color can be described as middle washed orange. A complement of this color would be **2CA2F1**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFB160**, and **B24700** is the 20% darker color. If you saturate the color by 10%, you get **F16D14**, and if you desaturate by 10%, it is **F18944**.

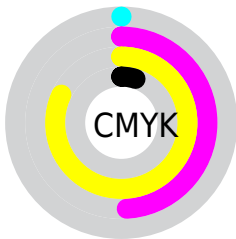
# Distribution



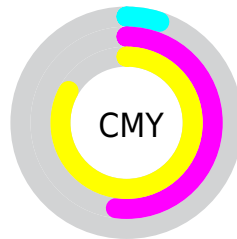
- Red (95%)
- Green (48%)
- Blue (17%)



- Red (95%)
- Yellow (69%)
- Blue (17%)



- Cyan (0%)
- Magenta (49%)
- Yellow (82%)
- Black (5%)



- Cyan (5%)
- Magenta (52%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F17B2C 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 F17B2C by changing the saturation by 10% instead.



 F17B2C

 F17B2C

FFFFFF

 D1610D

 FFB160

 B24700

 FFCD7B

 932E00

 FFEA96

 751200

 FFFFB1

 570000

 FFFFCD

 3B0000

 FFFFEA

 1D0001

 000000

 F17B2C

 F17B2C

 F16D14

 F18944

 F16100

 F1985C

 F1A674

 F1B58C

 F1C3A4

 F1D2BD

 F1E0D5

 F1EEED

 F1FDFF

# Harmonies

## Analogous

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



FF5F67



F17B2C



C19600

# Triad

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



F17B2C



00B991



888EFF

# Complementary

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



F17B2C



2CA2F1

# 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.



00A6FF



F17B2C



00B9D3

# Square

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



F17B2C



05B44E



00B4FF



E16FE5

# Rectangle

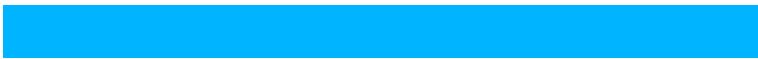
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F17B2C



99A300



00B4FF



5397FF



# Sweetspot

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



F17B2C



FFD9BF



F12CA2



806959



000000



808080



# Same Dimension

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



F17B2C



FF6905



F1DD2C



78716C



B84A00



381600

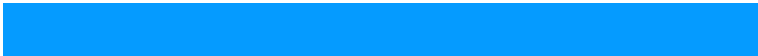


# Inverse Universe

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



2CA2F1



059BFF



2C40F1



6C7378



006EB8



002238



# Previews

## White Background



This preview shows how the Hex color F17B2C looks on a white background.

## Color Contrast Check

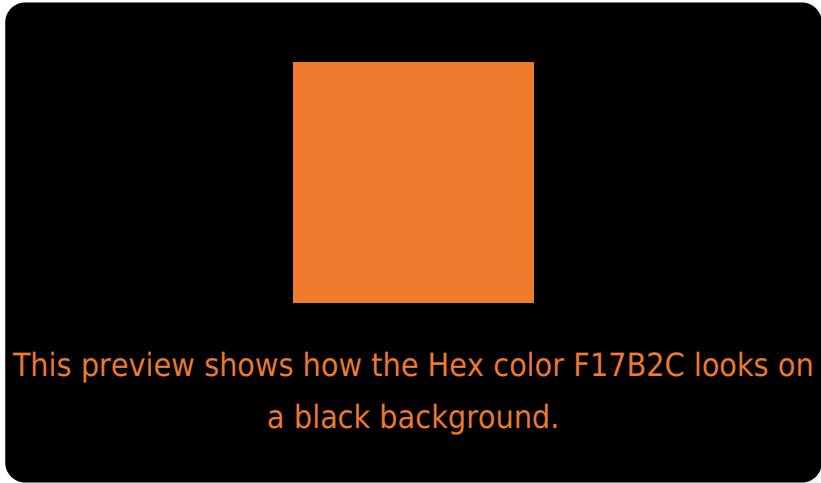
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex F17B2C Background



This preview shows how black text looks on a background with the Hex color F17B2C.

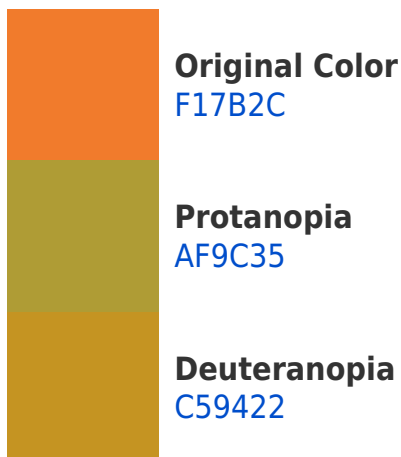


This preview shows how white text looks on a background with the Hex color F17B2C.

# 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](#).

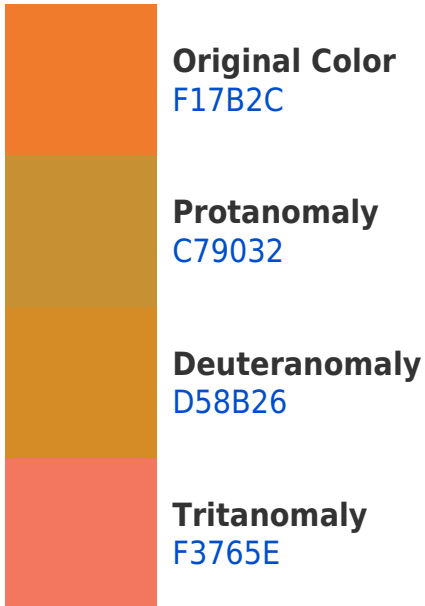
## Dichromacy





**Tritanopia**  
F4737B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F17B2C 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 #F17B2C looks like.

```
.text, #text, p{  
    color:#F17B2C  
}
```

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 #F17B2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F17B2C
}
```

## Border

The CSS property to change the border of an element to Hex F17B2C 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
#F17B2C }
```

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

```
.border{ border-color:#F17B2C }
```

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

Here you see how a box with a 4 pixel #F17B2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F17B2C; -webkit-box-shadow:4px 4px  
4px 4px #F17B2C; box-shadow:4px 4px 4px  
4px #F17B2C }
```

# Background

The CSS property to change the background color of an element to Hex F17B2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F17B2C }
```

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

```
.background{ background-color:#F17B2C }
```

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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