

# Converting Colors

Hex(FB5A2D)

Have a look what the booklet for  
Hex(FB5A2D) contains.

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# Color

**Hex(FB5A2D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FB5A2D
RGB	251, 90, 45
RGB Percent	98%, 35%, 18%
CMY	0.0157, 0.6471, 0.8235
CMYK	0.00, 0.64, 0.82, 0.02
HSL	13°, 96%, 58%
HSV	13°, 82%, 98%
XYZ	43.9135, 28.0110, 5.5748
YIQ	133.0090, 110.4010, 20.1370

# Conversions

## Conversions Part 2

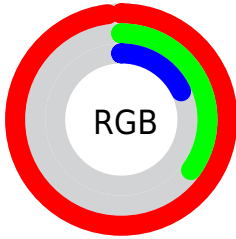
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	251, 103, 45
Decimal	16472621
CIE Lab	59.90, 59.39, 56.59
CIE LCh	60, 82.035, 43.621
Yxy	28.0110, 0.5666, 0.3614
Android (android.graphics.Color)	4294662701 (0xFFFB5A2D)
YUV	133.0090, -43.3884, 103.4781
Hunter-Lab	52.9254, 55.4861, 30.8026

# Details

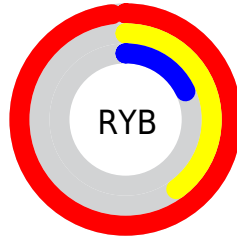
The Hex color **FB5A2D** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **2DCEFB**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FF925F**, and **BA1B00** is the 20% darker color. If you saturate the color by 10%, you get **FB4614**, and if you desaturate by 10%, it is **FB6E46**.

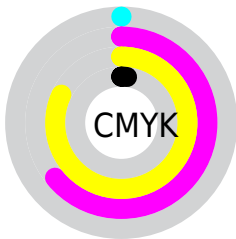
# Distribution



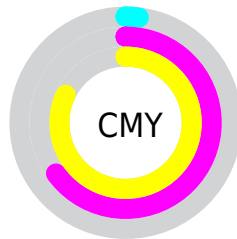
- Red (98%)
- Green (35%)
- Blue (18%)



- Red (98%)
- Yellow (40%)
- Blue (18%)



- Cyan (0%)
- Magenta (64%)
- Yellow (82%)
- Black (2%)



- Cyan (2%)
- Magenta (65%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FB5A2D 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 FB5A2D by changing the saturation by 10% instead.



 FB5A2D

FFFFFF

 FF925F

 FFAF79

 FFCC93

 FFE9AF

 FFFFCA

 FFFF7E

 FB5A2D

 FB5A2D

 DA3D13

 BA1B00

 9A0000

 7B0000

 5C0000

 400003

 1D0001

 000000

 FB5A2D

 FB4614

 FB6E46

 FB3700

 FB815F

 FB9578

 FBA891

 FBBCAB

 FBD0C4

 FBE3DD

 FBF7F6

 FBFFFF

# Harmonies

## Analogous

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



FF3673



FB5A2D



CE7E00

# Triad

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



FB5A2D



00AD65



008EFF

# Complementary

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



FB5A2D



2DCEFB

# 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.



00A4FF



FB5A2D



00B0B0

# Square

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



FB5A2D



33A60C



00AEF3



BB6BFA

# Rectangle

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



FB5A2D



A69000



00AEF3



0097FF



# Sweetspot

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



FB5A2D



FFCDBF



FB2DCE



806259



000000



808080



# Same Dimension

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



FB5A2D



FF3C05



FBC12D



7D7370



BD2900



3D0D00



# Inverse Universe

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



2DCEFB



05C8FF



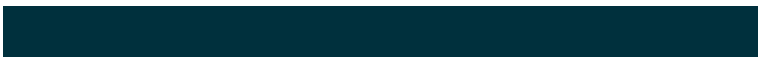
2D67FB



707A7D



0093BD



00303D



# Previews

## White Background



This preview shows how the Hex color FB5A2D looks on a white background.

## Color Contrast Check

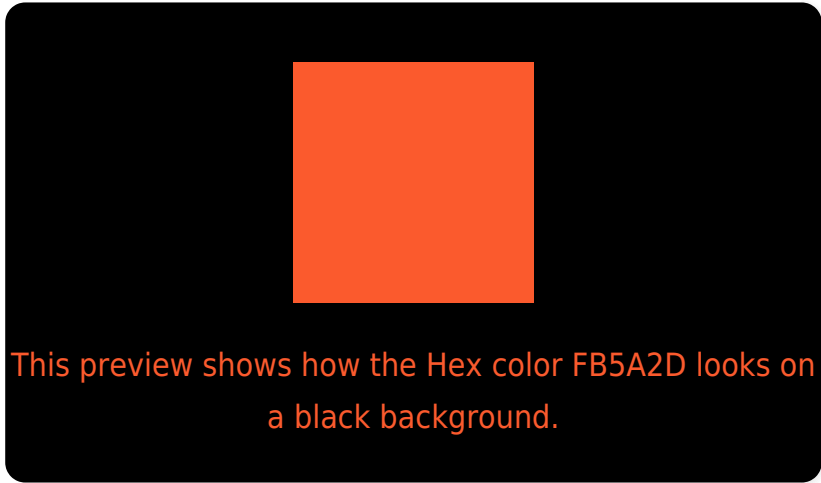
Large Text (above 18pt) WCAG AA ✓ Pass

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 FB5A2D Background



This preview shows how black text looks on a background with the Hex color FB5A2D.

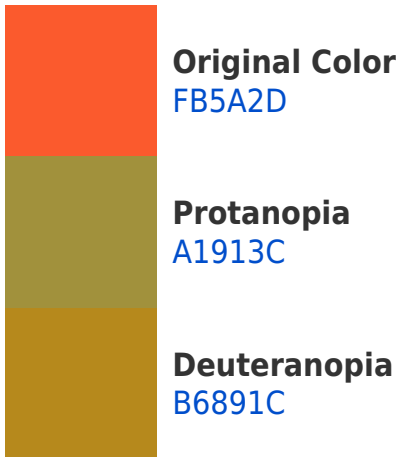


This preview shows how white text looks on a background with the Hex color FB5A2D.

# 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





# Trichromacy



**Original Color**  
FB5A2D

**Protanomaly**  
C27D37

**Deuteranomaly**  
CF7822

**Tritanomaly**  
FC574A

# Monochromacy



**Original Color**  
FB5A2D

**Achromatopsia**  
858585

**Achromatomaly**  
B07565

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FB5A2D 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 #FB5A2D looks like.

```
.text, #text, p{  
    color:#FB5A2D  
}
```

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 #FB5A2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB5A2D
}
```

## Border

The CSS property to change the border of an element to Hex FB5A2D 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
#FB5A2D }
```

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

```
.border{ border-color:#FB5A2D }
```

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

Here you see how a box with a 4 pixel #FB5A2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB5A2D; -webkit-box-shadow:4px 4px  
4px 4px #FB5A2D; box-shadow:4px 4px 4px  
4px #FB5A2D }
```

# Background

The CSS property to change the background color of an element to Hex FB5A2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB5A2D }
```

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

```
.background{ background-color:#FB5A2D }
```

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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