

Converting Colors

Hex(FF6B3C)

Have a look what the booklet for
Hex(FF6B3C) contains.

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Color

Hex(F6B3C)

Conversions

Conversions Part 1

Format	Color
Hex	FF6B3C
RGB	255, 107, 60
RGB Percent	100%, 42%, 24%
CMY	0.0000, 0.5804, 0.7647
CMYK	0.00, 0.58, 0.76, 0.00
HSL	14°, 100%, 62%
HSV	14°, 76%, 100%
XYZ	47.3133, 32.1016, 7.9775
YIQ	145.8940, 103.2950, 16.7590

Conversions

Conversions Part 2

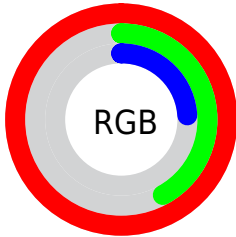
Format	Color
RYB	255, 122, 60
Decimal	16739132
CIELab	63.43, 53.91, 53.25
CIElCh	63, 75.776, 44.651
Yxy	32.1016, 0.5414, 0.3673
Android (android.graphics.Color)	4294929212 (0xFFFF6B3C)
YUV	145.8940, -42.3457, 95.6860
Hunter-Lab	56.6583, 49.9069, 31.3128

Details

The Hex color **FF6B3C** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **3CD0FF**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FFA26E**, and **BF3308** is the 20% darker color. If you saturate the color by 10%, you get **FF5822**, and if you desaturate by 10%, it is **FF7E56**.

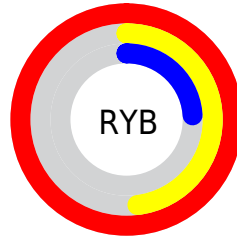
Distribution



Red (100%)

Green (42%)

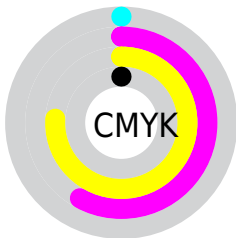
Blue (24%)



Red (100%)

Yellow (48%)

Blue (24%)

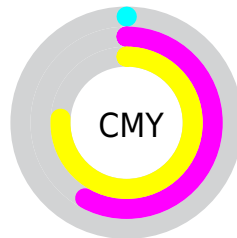


Cyan (0%)

Magenta (58%)

Yellow (76%)

Black (0%)



Cyan (0%)

Magenta (58%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF6B3C 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 FF6B3C by changing the saturation by 10% instead.

 FF6B3C

 FF6B3C

FFFFFF

 DF5023

 FFA26E

 BF3308

 FFBF88

 9F1000

 FFDCA3

 800000

 FFF9BF

 610000

 FFFFDB

 440001

 FFFFF8

 270001

 000000

 FF6B3C

 FF6B3C

■ FF5822

■ FF7E56

■ FF4409

■ FF926F

■ FF3D00

■ FFA589

■ FFB8A2

■ FFCCBC

■ FFDFD5

■ FFF2EF

FFFFFF

Harmonies

Analogous

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



FF517C



FF6B3C



D48A00

Triad

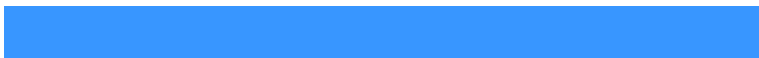
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



FF6B3C



00B673



3896FF

Complementary

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



FF6B3C



3CD0FF

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.



00ABFF



FF6B3C



00B8BA

Square

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



FF6B3C



47AF2E



00B5F8



C577FB

Rectangle

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



FF6B3C



AF9A00



00B5F8



009FFF

Sweetspot

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



FF6B3C



FFD2C4



FF3CD2



80645C



000000



808080

Same Dimension

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



FF6B3C



FF4D14



FFCB3C



807673



BF2E00



400F00

Inverse Universe

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



3CD0FF



14C6FF



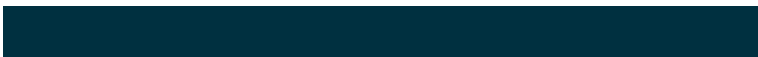
3C70FF



737C80



0091BF



003040

Previews

White Background



This preview shows how the Hex color FF6B3C looks on a white background.

Color Contrast Check

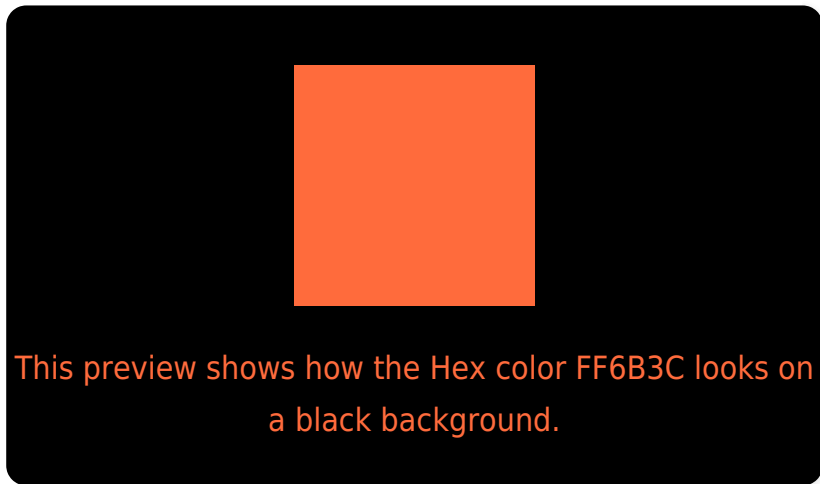
Large Text (above 18pt) WCAG AA × Fail

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 FF6B3C Background



This preview shows how black text looks on a background with the Hex color FF6B3C.



This preview shows how white text looks on a background with the Hex color FF6B3C.

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
FF6B3C

Protanopia
AA9A4A

Deuteranopia
C19232



Tritanopia
FF676D

Trichromacy



Original Color
FF6B3C

Protanomaly
C98945

Deuteranomaly
D88436

Tritanomaly
FF685B

Monochromacy



Original Color
FF6B3C

Achromatopsia
929292

Achromatomaly
BA8473

CSS Examples

Text

The CSS property to change the color of the text to Hex FF6B3C 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 #FF6B3C looks like.

```
.text, #text, p{  
    color:#FF6B3C  
}
```

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 #FF6B3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF6B3C
}
```

Border

The CSS property to change the border of an element to Hex FF6B3C 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
#FF6B3C }
```

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

```
.border{ border-color:#FF6B3C }
```

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

Here you see how a box with a 4 pixel #FF6B3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF6B3C; -webkit-box-shadow:4px 4px  
4px 4px #FF6B3C; box-shadow:4px 4px 4px  
4px #FF6B3C }
```

Background

The CSS property to change the background color of an element to Hex FF6B3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF6B3C }
```

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

```
.background{ background-color:#FF6B3C }
```

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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