

Converting Colors

Hex(FF6B2B)

Have a look what the booklet for
Hex(FF6B2B) contains.

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Color

Hex(F6B2B)

Conversions

Conversions Part 1

Format	Color
Hex	FF6B2B
RGB	255, 107, 43
RGB Percent	100%, 42%, 17%
CMY	0.0000, 0.5804, 0.8314
CMYK	0.00, 0.58, 0.83, 0.00
HSL	18°, 100%, 58%
HSV	18°, 83%, 100%
XYZ	46.9337, 31.9498, 5.9787
YIQ	143.9560, 108.7520, 11.4720

Conversions

Conversions Part 2

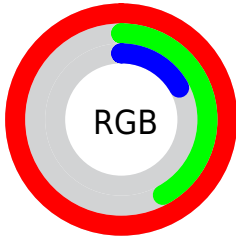
Format	Color
R _Y B	255, 135, 43
Decimal	16739115
CIE Lab	63.30, 53.39, 60.71
CIE LCh	63, 80.843, 48.673
Yxy	31.9498, 0.5531, 0.3765
Android (android.graphics.Color)	4294929195 (0xFFFF6B2B)
YUV	143.9560, -49.7713, 97.3856
Hunter-Lab	56.5242, 49.2967, 33.2956

Details

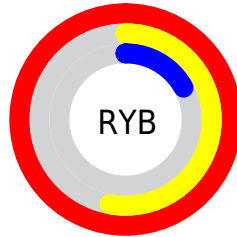
The Hex color **FF6B2B** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **2BBFFF**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FFA25F**, and **BE3300** is the 20% darker color. If you saturate the color by 10%, you get **FF5912**, and if you desaturate by 10%, it is **FF7D45**.

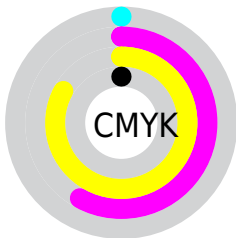
Distribution



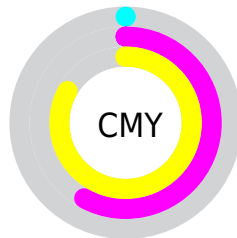
- Red (100%)
- Green (42%)
- Blue (17%)



- Red (100%)
- Yellow (53%)
- Blue (17%)



- Cyan (0%)
- Magenta (58%)
- Yellow (83%)
- Black (0%)



- Cyan (0%)
- Magenta (58%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF6B2B 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 FF6B2B by changing the saturation by 10% instead.

 FF6B2B

 FF6B2B

FFFFFF

 DE500D

 FFA25F

 BE3300

 FFBE79

 9F1100

 FFDB94

 7F0000

 FFF9AF

 600000

 FFFF94

 440001

 FFFF80

 260001

 000000

 FF6B2B

 FF6B2B

 FF5912

 FF7D45

 FF4D00

 FF8F5E

 FFA078

 FFB291

 FFC4AB

 FFD6C4

 FFE8DE

 FFF9F7

FFFFFF

Harmonies

Analogous

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



FF4970



FF6B2B



CF8C00

Triad

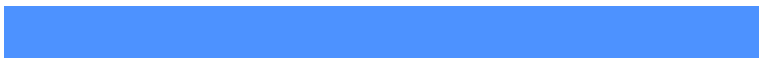
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



FF6B2B



00B77B



4D92FF

Complementary

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



FF6B2B



2BBFFF

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.



00AAFF



FF6B2B



00B9C5

Square

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



FF6B2B



23B12E



00B6FF



D36FF9

Rectangle

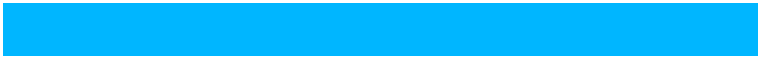
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FF6B2B



A69D00



00B6FF



009BFF

Sweetspot

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



FF6B2B



FFD2BF



FF2BBF



806559



000000



808080

Same Dimension

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



FF6B2B



FF4D00



FFD52B



807773



BF3A00



401300

Inverse Universe

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



2BBFFF



00B2FF



2B55FF



737C80



0086BF



002D40

Previews

White Background



This preview shows how the Hex color FF6B2B looks on a white background.

Color Contrast Check

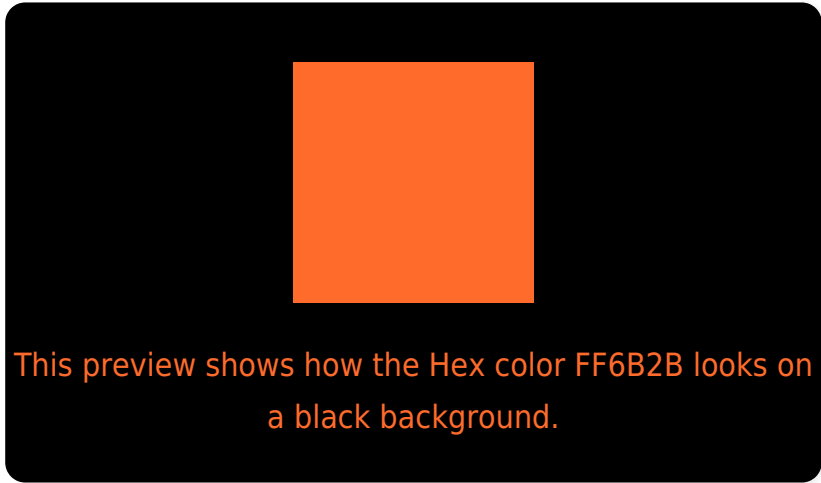
Large Text (above 18pt) WCAG AA × Fail

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 FF6B2B Background



This preview shows how black text looks on a background with the Hex color FF6B2B.



This preview shows how white text looks on a background with the Hex color FF6B2B.

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
FF6B2B

Protanopia
AC9A37

Deuteranopia
C2921B



Tritanopia
FF666C

Trichromacy



Original Color
FF6B2B

Protanomaly
CA8933

Deuteranomaly
D88421

Tritanomaly
FF6854

Monochromacy



Original Color
FF6B2B

Achromatopsia
909090

Achromatomaly
B8836B

CSS Examples

Text

The CSS property to change the color of the text to Hex FF6B2B 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 #FF6B2B looks like.

```
.text, #text, p{  
    color:#FF6B2B  
}
```

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 #FF6B2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF6B2B } }
```

Border

The CSS property to change the border of an element to Hex FF6B2B 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 #FF6B2B } }
```

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

```
.border{ border-color:#FF6B2B }
```

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

Here you see how a box with a 4 pixel #FF6B2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF6B2B; -webkit-box-shadow:4px 4px  
4px 4px #FF6B2B; box-shadow:4px 4px 4px  
4px #FF6B2B }
```

Background

The CSS property to change the background color of an element to Hex FF6B2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF6B2B }
```

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

```
.background{ background-color:#FF6B2B }
```

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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