

Converting Colors

Hex(FF6C46)

Have a look what the booklet for
Hex(FF6C46) contains.

Hex(FF6C46)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F66C46)

Conversions

Conversions Part 1

Format	Color
Hex	FF6C46
RGB	255, 108, 70
RGB Percent	100%, 42%, 27%
CMY	0.0000, 0.5765, 0.7255
CMYK	0.00, 0.58, 0.73, 0.00
HSL	12°, 100%, 64%
HSV	12°, 73%, 100%
XYZ	47.7081, 32.4273, 9.5390
YIQ	147.6210, 99.8100, 19.3460

Conversions

Conversions Part 2

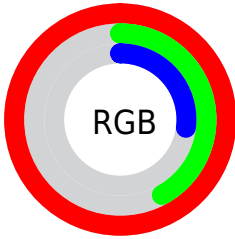
Format	Color
RYB	255, 118, 70
Decimal	16739398
CIELab	63.69, 53.85, 48.58
CIELCh	64, 72.525, 42.052
Yxy	32.4273, 0.5320, 0.3616
Android (android.graphics.Color)	4294929478 (0xFFFF6C46)
YUV	147.6210, -38.2672, 94.1714
Hunter-Lab	56.9450, 49.8921, 29.9297

Details

The Hex color **FF6C46** 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 **46D9FF**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFA378**, and **BF3416** is the 20% darker color. If you saturate the color by 10%, you get **FF582D**, and if you desaturate by 10%, it is **FF8060**.

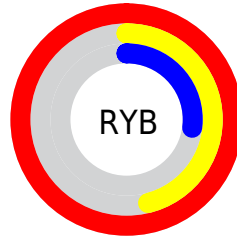
Distribution



Red (100%)

Green (42%)

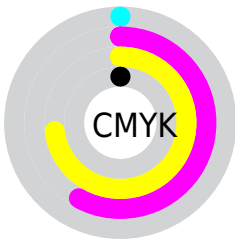
Blue (27%)



Red (100%)

Yellow (46%)

Blue (27%)

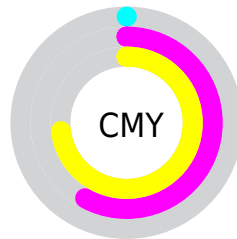


Cyan (0%)

Magenta (58%)

Yellow (73%)

Black (0%)



Cyan (0%)

Magenta (58%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF6C46 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 FF6C46 by changing the saturation by 10% instead.

 FF6C46

 FF6C46

FFFFFF

 DF512E

 FFA378

 BF3416

 FFC092

 A01200

 FFDDAD

 810000

 FFFAC9

 620000

 FFFF E5

 450001

 280001

 000000

 FF6C46

 FF6C46

■ FF582D

■ FF8060

■ FF4313

■ FF9579

■ FF3400

■ FFA993

■ FFBDAC

■ FFD1C6

■ FFE6DF

■ FFFAF9

FFFFFF

Harmonies

Analogous

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



FF5683



FF6C46



D88902

Triad

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



FF6C46



00B570



2C99FF

Complementary

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



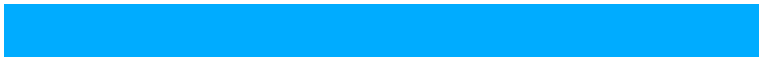
FF6C46



46D9FF

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.



00ACFF



FF6C46



00B8B3

Square

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



FF6C46



56AE2F



00B6F0



BE7DFB

Rectangle

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



FF6C46



B59900



00B6F0



00A1FF

Sweetspot

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



FF6C46



FFD2C7



FF46DA



80655E



000000



808080

Same Dimension

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



FF6C46



FF4F21



FFC846



807573



BF2700



400D00

Inverse Universe

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



46D9FF



21D1FF



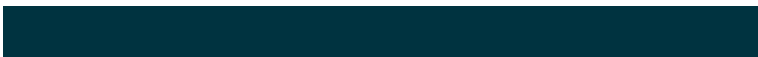
467DFF



737D80



0098BF



003340

Previews

White Background



This preview shows how the Hex color FF6C46 looks on a white background.

Color Contrast Check

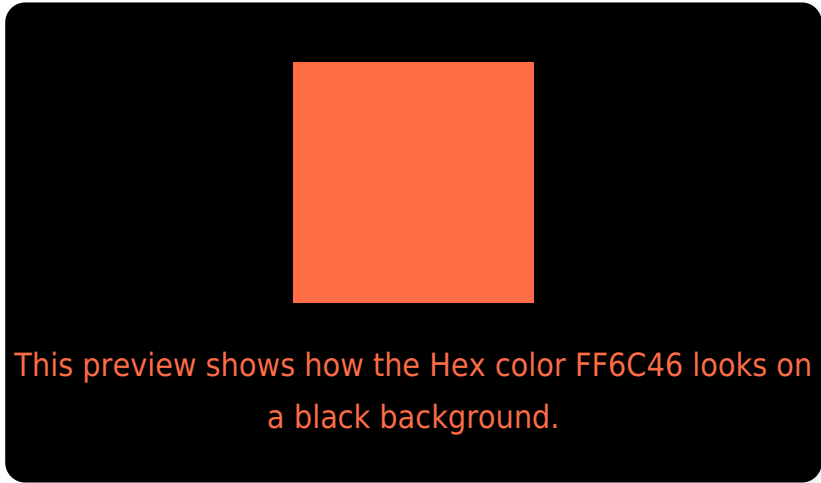
Large Text (above 18pt) WCAG AA × Fail

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 FF6C46 Background



This preview shows how black text looks on a background with the Hex color FF6C46.

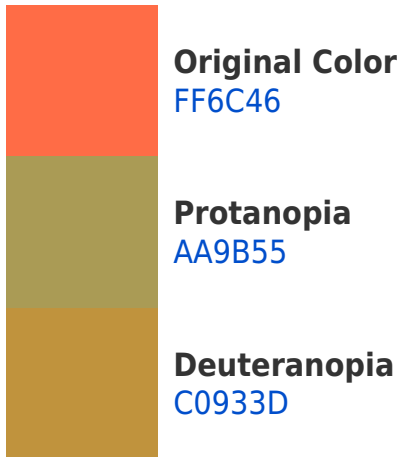


This preview shows how white text looks on a background with the Hex color FF6C46.

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
FF696F

Trichromacy



Original Color
FF6C46

Protanomaly
C98A50

Deuteranomaly
D78540

Tritanomaly
FF6A60

Monochromacy



Original Color
FF6C46

Achromatopsia
949494

Achromatomaly
BB8578

CSS Examples

Text

The CSS property to change the color of the text to Hex FF6C46 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 #FF6C46 looks like.

```
.text, #text, p{  
    color:#FF6C46  
}
```

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 #FF6C46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF6C46
}
```

Border

The CSS property to change the border of an element to Hex FF6C46 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
#FF6C46 }
```

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

```
.border{ border-color:#FF6C46 }
```

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

Here you see how a box with a 4 pixel #FF6C46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF6C46; -webkit-box-shadow:4px 4px  
4px 4px #FF6C46; box-shadow:4px 4px 4px  
4px #FF6C46 }
```

Background

The CSS property to change the background color of an element to Hex FF6C46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF6C46 }
```

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

```
.background{ background-color:#FF6C46 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor