

Converting Colors

Hex(FF6B49)

Have a look what the booklet for
Hex(FF6B49) contains.

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Color

Hex(F66B49)

Conversions

Conversions Part 1

Format	Color
Hex	FF6B49
RGB	255, 107, 73
RGB Percent	100%, 42%, 29%
CMY	0.0000, 0.5804, 0.7137
CMYK	0.00, 0.58, 0.71, 0.00
HSL	11°, 100%, 64%
HSV	11°, 71%, 100%
XYZ	47.7003, 32.2564, 10.0154
YIQ	147.3760, 99.1220, 20.8020

Conversions

Conversions Part 2

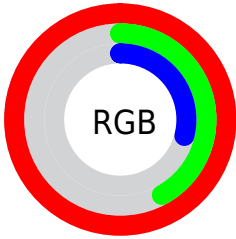
Format	Color
RYB	255, 115, 73
Decimal	16739145
CIELab	63.55, 54.44, 46.88
CIElCh	64, 71.840, 40.736
Yxy	32.2564, 0.5302, 0.3585
Android (android.graphics.Color)	4294929225 (0xFFFF6B49)
YUV	147.3760, -36.6674, 94.3862
Hunter-Lab	56.7947, 50.5263, 29.3009

Details

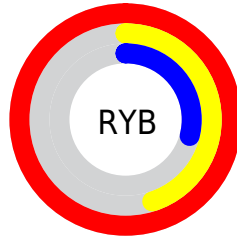
The Hex color **FF6B49** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **49DDFF**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFA27B**, and **BF331A** is the 20% darker color. If you saturate the color by 10%, you get **FF5630**, and if you desaturate by 10%, it is **FF8062**.

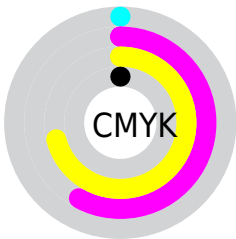
Distribution



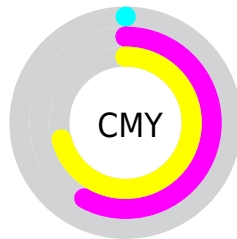
- Red (100%)
- Green (42%)
- Blue (29%)



- Red (100%)
- Yellow (45%)
- Blue (29%)



- Cyan (0%)
- Magenta (58%)
- Yellow (71%)
- Black (0%)



- Cyan (0%)
- Magenta (58%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF6B49 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 FF6B49 by changing the saturation by 10% instead.

 FF6B49

 FF6B49

FFFFFF

 DF4F31

 FFA27B

 BF331A

 FFBF95

 A00F01

 FFDCB0

 810000

 FFF9CC

 620000

 FFFFFE8

 450001

 280001

 000000

 FF6B49

 FF6B49

■ FF5630

■ FF8062

■ FF4216

■ FF947C

■ FF3000

■ FFA995

■ FFBEAF

■ FFD3C9

■ FFE7E2

■ FFFCFB

FFFFFF

Harmonies

Analogous

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



FF5786



FF6B49



D9870A

Triad

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



FF6B49



00B56D



1A9AFF

Complementary

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



FF6B49



49DDFF

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



FF6B49



00B7B0

Square

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



FF6B49



5BAD2D



00B5EC



B97EFC

Rectangle

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



FF6B49



B79800



00B5EC



00A1FF

Sweetspot

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



FF6B49



FFD3C9



FF49DE



806660



000000



808080

Same Dimension

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



FF6B49



FF4D24



FFC549



807573



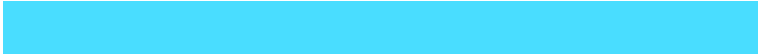
BF2400



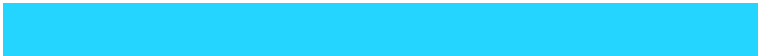
400C00

Inverse Universe

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



49DDFF



24D6FF



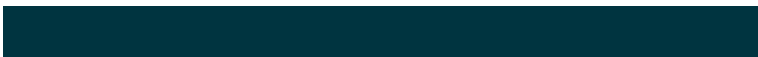
4983FF



737D80



009CBF



003440

Previews

White Background



This preview shows how the Hex color FF6B49 looks on a white background.

Color Contrast Check

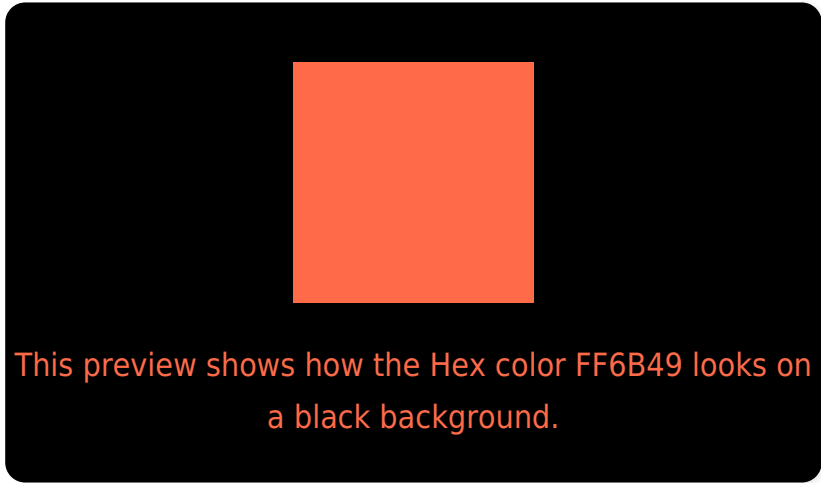
Large Text (above 18pt) WCAG AA × Fail

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 FF6B49 Background



This preview shows how black text looks on a background with the Hex color FF6B49.



This preview shows how white text looks on a background with the Hex color FF6B49.

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
FF6B49

Protanopia
A99A59

Deuteranopia
C09340



Tritanopia
FF686E

Trichromacy



Original Color
FF6B49

Protanomaly
C88953

Deuteranomaly
D78443

Tritanomaly
FF6961

Monochromacy



Original Color
FF6B49

Achromatopsia
939393

Achromatomaly
BA8478

CSS Examples

Text

The CSS property to change the color of the text to Hex FF6B49 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 #FF6B49 looks like.

```
.text, #text, p{  
    color:#FF6B49  
}
```

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 #FF6B49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF6B49
}
```

Border

The CSS property to change the border of an element to Hex FF6B49 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
#FF6B49 }
```

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

```
.border{ border-color:#FF6B49 }
```

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

Here you see how a box with a 4 pixel #FF6B49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF6B49; -webkit-box-shadow:4px 4px  
4px 4px #FF6B49; box-shadow:4px 4px 4px  
4px #FF6B49 }
```

Background

The CSS property to change the background color of an element to Hex FF6B49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF6B49 }
```

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

```
.background{ background-color:#FF6B49 }
```

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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