

Converting Colors

Hex(FF6B44)

Have a look what the booklet for
Hex(FF6B44) contains.

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Color

Hex(F6B44)

Conversions

Conversions Part 1

Format	Color
Hex	FF6B44
RGB	255, 107, 68
RGB Percent	100%, 42%, 27%
CMY	0.0000, 0.5804, 0.7333
CMYK	0.00, 0.58, 0.73, 0.00
HSL	13°, 100%, 63%
HSV	13°, 73%, 100%
XYZ	47.5411, 32.1927, 9.1770
YIQ	146.8060, 100.7270, 19.2470

Conversions

Conversions Part 2

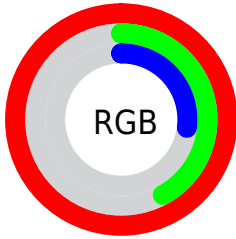
Format	Color
R_{YB}	255, 117, 68
Decimal	16739140
CIE _{Lab}	63.50, 54.22, 49.38
CIE _{LCh}	64, 73.338, 42.328
Yxy	32.1927, 0.5347, 0.3621
Android (android.graphics.Color)	4294929220 (0xFFFF6B44)
YUV	146.8060, -38.8514, 94.8861
Hunter-Lab	56.7387, 50.2718, 30.1274

Details

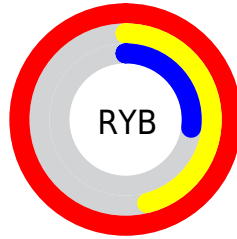
The Hex color **FF6B44** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **44D8FF**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FFA276**, and **BF3314** is the 20% darker color. If you saturate the color by 10%, you get **FF572A**, and if you desaturate by 10%, it is **FF7F5D**.

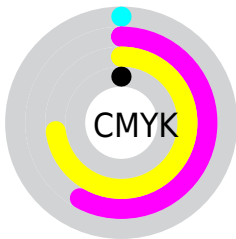
Distribution



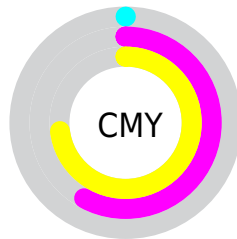
- Red (100%)
- Green (42%)
- Blue (27%)



- 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 FF6B44 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 FF6B44 by changing the saturation by 10% instead.

 FF6B44

 FF6B44

FFFFFF

 DF4F2C

 FFA276

 BF3314

 FFBF90

 A00F00

 FFDCAB

 810000

 FFF9C7

 620000

 FFFF E3

 450001

 270001

 000000

 FF6B44

 FF6B44

■ FF572A

■ FF7F5D

■ FF4311

■ FF9377

■ FF3500

■ FFA891

■ FFBCAA

■ FFD0C3

■ FFE4DD

■ FFF8F6

FFFFFF

Harmonies

Analogous

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



FF5582



FF6B44



D78800

Triad

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



FF6B44



00B570



2998FF

Complementary

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



FF6B44



44D8FF

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



FF6B44



00B8B4

Square

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



FF6B44



54AE2E



00B5F1



BE7BFB

Rectangle

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



FF6B44



B39900



00B5F1



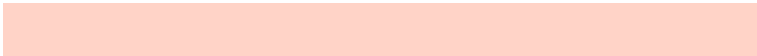
00A0FF

Sweetspot

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



FF6B44



FFD3C7



FF44DA



80655E



000000



808080

Same Dimension

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



FF6B44



FF4D1F



FFC744



807573



BF2800



400D00

Inverse Universe

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



44D8FF



1FD0FF



447CFF



737D80



0097BF



003240

Previews

White Background



This preview shows how the Hex color FF6B44 looks on a white background.

Color Contrast Check

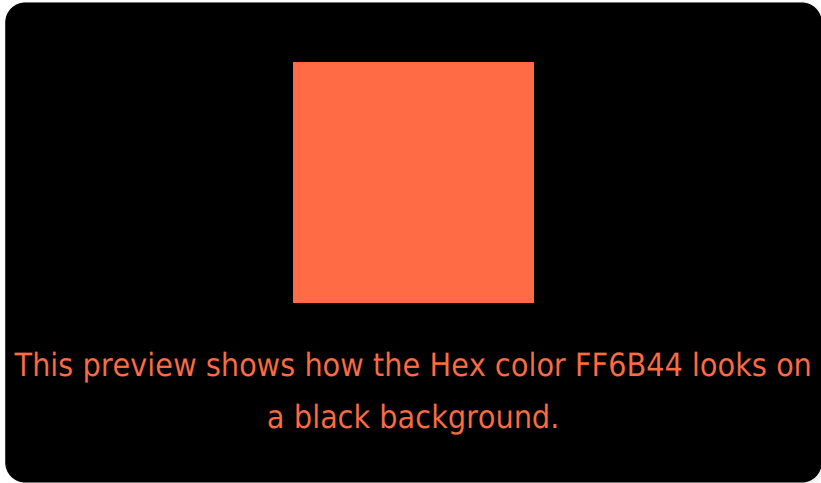
Large Text (above 18pt) WCAG AA × Fail

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 FF6B44 Background



This preview shows how black text looks on a background with the Hex color FF6B44.

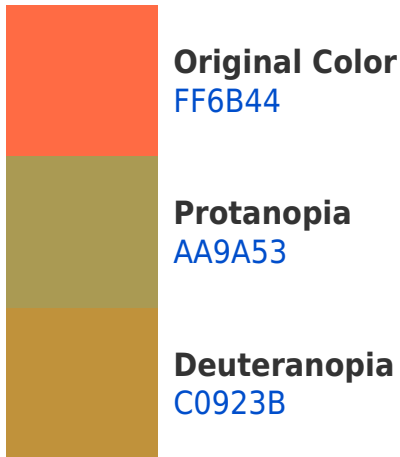


This preview shows how white text looks on a background with the Hex color FF6B44.

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
FF686E

Trichromacy



Original Color
FF6B44

Protanomaly
C9894E

Deuteranomaly
D7843E

Tritanomaly
FF695F

Monochromacy



Original Color
FF6B44

Achromatopsia
939393

Achromatomaly
BA8476

CSS Examples

Text

The CSS property to change the color of the text to Hex FF6B44 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 #FF6B44 looks like.

```
.text, #text, p{  
    color:#FF6B44  
}
```

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 #FF6B44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF6B44
}
```

Border

The CSS property to change the border of an element to Hex FF6B44 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
#FF6B44 }
```

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

```
.border{ border-color:#FF6B44 }
```

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

Here you see how a box with a 4 pixel #FF6B44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF6B44; -webkit-box-shadow:4px 4px  
4px 4px #FF6B44; box-shadow:4px 4px 4px  
4px #FF6B44 }
```

Background

The CSS property to change the background color of an element to Hex FF6B44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF6B44 }
```

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

```
.background{ background-color:#FF6B44 }
```

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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