

Converting Colors

Hex(FF6A36)

Have a look what the booklet for
Hex(FF6A36) contains.

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Color

Hex(F6A36)

Conversions

Conversions Part 1

Format	Color
Hex	FF6A36
RGB	255, 106, 54
RGB Percent	100%, 42%, 21%
CMY	0.0000, 0.5843, 0.7882
CMYK	0.00, 0.58, 0.79, 0.00
HSL	16°, 100%, 61%
HSV	16°, 79%, 100%
XYZ	47.0599, 31.8344, 7.1544
YIQ	144.6230, 105.4960, 15.4160

Conversions

Conversions Part 2

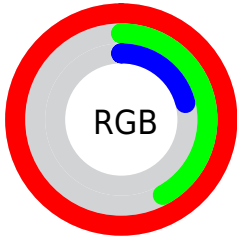
Format	Color
RYB	255, 124, 54
Decimal	16738870
CIELab	63.21, 54.15, 55.86
CIElCh	63, 77.797, 45.888
Yxy	31.8344, 0.5469, 0.3700
Android (android.graphics.Color)	4294928950 (0xFFFF6A36)
YUV	144.6230, -44.6771, 96.8006
Hunter-Lab	56.4220, 50.1430, 31.9774

Details

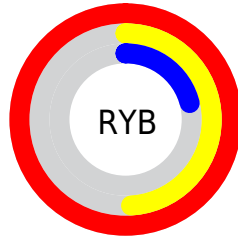
The Hex color **FF6A36** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **36CBFF**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FFA168**, and **BF3200** is the 20% darker color. If you saturate the color by 10%, you get **FF571C**, and if you desaturate by 10%, it is **FF7D50**.

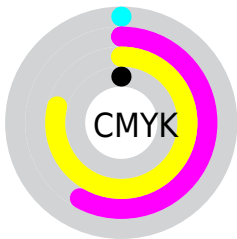
Distribution



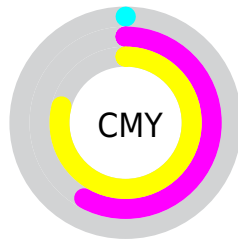
- Red (100%)
- Green (42%)
- Blue (21%)



- Red (100%)
- Yellow (49%)
- Blue (21%)



- Cyan (0%)
- Magenta (58%)
- Yellow (79%)
- Black (0%)



- Cyan (0%)
- Magenta (58%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF6A36 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 FF6A36 by changing the saturation by 10% instead.

 FF6A36

 FF6A36

FFFFFF

 DF4F1D

 FFA168

 BF3200

 FFBE83

 9F0D00

 FFDB9D

 800000

 FFF8B9

 610000

 FFFF00

 440001

 FFFFF2

 260001

 000000

 FF6A36

 FF6A36

 FF571C

 FF7D50

 FF4403

 FF9069

 FF4200

 FFA383

 FFB69C

 FFC9B5

 FFDBC9

 FFEED9

FFFFFF

Harmonies

Analogous

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



FF4D77



FF6A36



D38A00

Triad

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



FF6A36



00B675



3C95FF

Complementary

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



FF6A36



36CBFF

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



FF6A36



00B8BD

Square

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



FF6A36



3DAF2C



00B5FC



C974FA

Rectangle

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



FF6A36



AC9A00



00B5FC



009DFF

Sweetspot

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



FF6A36



FFD2C2



FF36CD



80645B



000000



808080

Same Dimension

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



FF6A36



FF4B0D



FFCD36



807673



BF3100



401000

Inverse Universe

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



36CBFF



0DC0FF



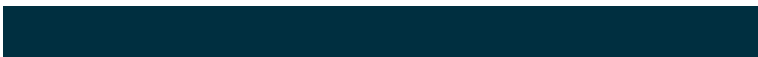
3668FF



737C80



008EBF



002F40

Previews

White Background



This preview shows how the Hex color FF6A36 looks on a white background.

Color Contrast Check

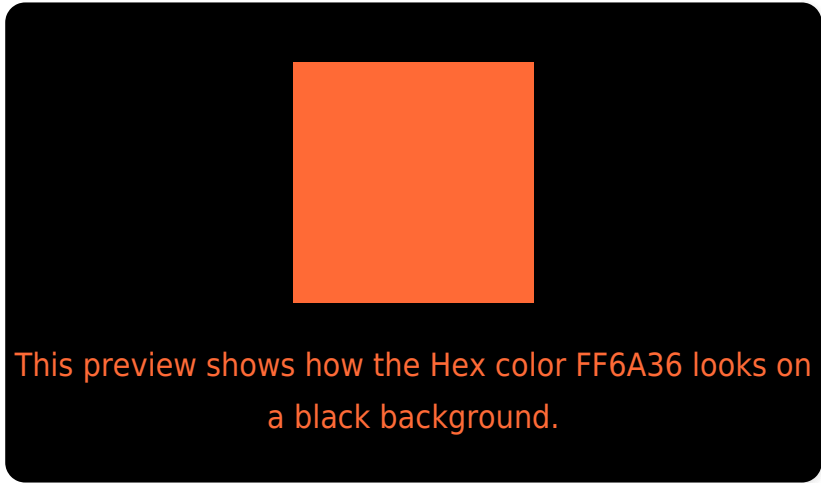
Large Text (above 18pt) WCAG AA × Fail

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 FF6A36 Background



This preview shows how black text looks on a background with the Hex color FF6A36.



This preview shows how white text looks on a background with the Hex color FF6A36.

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
FF6A36

Protanopia
AA9A43

Deuteranopia
C1922A



Tritanopia
FF666C

Trichromacy



Original Color
FF6A36

Protanomaly
C9893E

Deuteranomaly
D8832E

Tritanomaly
FF6758

Monochromacy



Original Color
FF6A36

Achromatopsia
919191

Achromatomaly
B98370

CSS Examples

Text

The CSS property to change the color of the text to Hex FF6A36 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 #FF6A36 looks like.

```
.text, #text, p{  
    color:#FF6A36  
}
```

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 #FF6A36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF6A36
}
```

Border

The CSS property to change the border of an element to Hex FF6A36 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
#FF6A36 }
```

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

```
.border{ border-color:#FF6A36 }
```

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

Here you see how a box with a 4 pixel #FF6A36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF6A36; -webkit-box-shadow:4px 4px  
4px 4px #FF6A36; box-shadow:4px 4px 4px  
4px #FF6A36 }
```

Background

The CSS property to change the background color of an element to Hex FF6A36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF6A36 }
```

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

```
.background{ background-color:#FF6A36 }
```

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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