

Converting Colors

Hex(FF6F25)

Have a look what the booklet for
Hex(FF6F25) contains.

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Color

Hex(F6F25)

Conversions

Conversions Part 1

Format	Color
Hex	FF6F25
RGB	255, 111, 37
RGB Percent	100%, 44%, 15%
CMY	0.0000, 0.5647, 0.8549
CMYK	0.00, 0.56, 0.85, 0.00
HSL	20°, 100%, 57%
HSV	20°, 85%, 100%
XYZ	47.2584, 32.7625, 5.5833
YIQ	145.6200, 109.5780, 7.5140

Conversions

Conversions Part 2

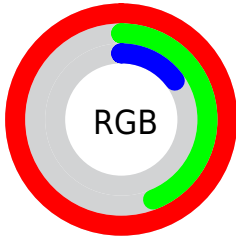
Format	Color
R _{YB}	255, 149, 37
Decimal	16740133
CIE _{Lab}	63.97, 51.42, 63.57
CIE _{LCh}	64, 81.766, 51.033
Yxy	32.7625, 0.5521, 0.3827
Android (android.graphics.Color)	4294930213 (0xFFFF6F25)
YUV	145.6200, -53.5497, 95.9263
Hunter-Lab	57.2385, 47.2093, 34.2836

Details

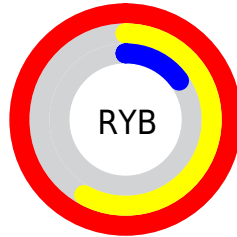
The Hex color **FF6F25** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **25B5FF**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FFA65A**, and **BE3900** is the 20% darker color. If you saturate the color by 10%, you get **FF5E0C**, and if you desaturate by 10%, it is **FF803F**.

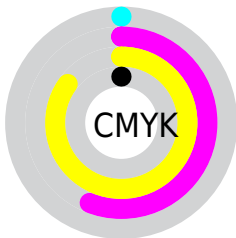
Distribution



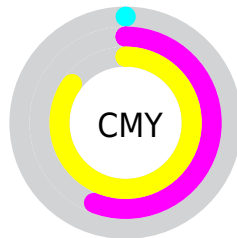
- Red (100%)
- Green (44%)
- Blue (15%)



- Red (100%)
- Yellow (58%)
- Blue (15%)



- Cyan (0%)
- Magenta (56%)
- Yellow (85%)
- Black (0%)



- Cyan (0%)
- Magenta (56%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF6F25 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 FF6F25 by changing the saturation by 10% instead.

 FF6F25

 FF6F25

FFFFFF

 DE5402

 FFA65A

 BE3900

 FFC274

 9F1900

 FFDF8F

 7F0000

 FFFCAB

 610000

 FFFF07

 440001

 FFFF03

 270001

 000000

 FF6F25

 FF6F25

 FF5E0C

 FF803F

 FF5700

 FF9158

 FFA272

 FFB28B

 FFC3A5

 FFD4BE

 FFE5D8

 FFF6F1

FFFFFF

Harmonies

Analogous

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



FF4C6C



FF6F25



CD9000

Triad

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



FF6F25



00BA82



6191FF

Complementary

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



FF6F25



25B5FF

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



FF6F25



00BBCE

Square

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



FF6F25



00B435



00B7FF



DC6DF8

Rectangle

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



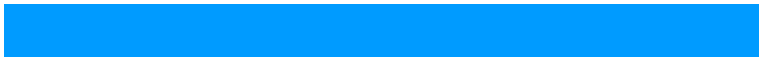
FF6F25



A2A000



00B7FF



009BFF

Sweetspot

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



FF6F25



FFD3BD



FF25B6



806558



000000



808080

Same Dimension

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



FF6F25



FF5700



FFDB25



807773



BF4100



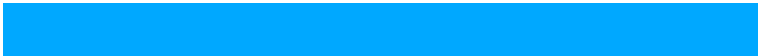
401600

Inverse Universe

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



25B5FF



00A8FF



2549FF



737B80



007EBF



002A40

Previews

White Background



This preview shows how the Hex color FF6F25 looks on a white background.

Color Contrast Check

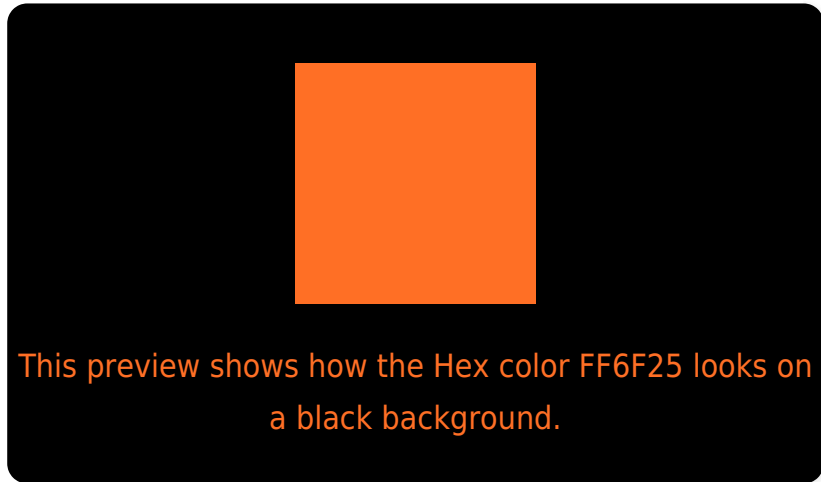
Large Text (above 18pt) WCAG AA × Fail

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 FF6F25 Background



This preview shows how black text looks on a background with the Hex color FF6F25.



This preview shows how white text looks on a background with the Hex color FF6F25.

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
FF6F25

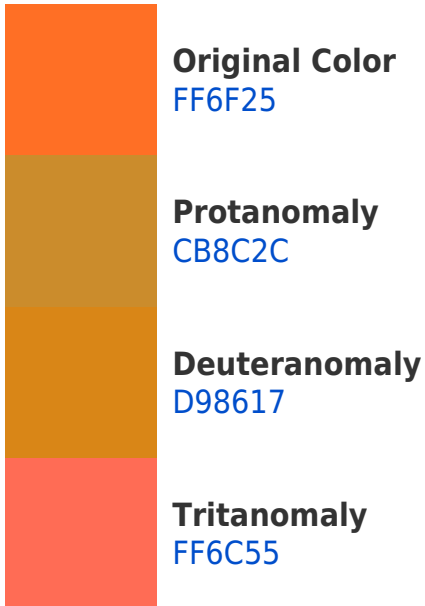
Protanopia
AE9C30

Deuteranopia
C4930F



Tritanopia
FF6A70

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF6F25 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 #FF6F25 looks like.

```
.text, #text, p{  
    color:#FF6F25  
}
```

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 #FF6F25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF6F25
}
```

Border

The CSS property to change the border of an element to Hex FF6F25 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
#FF6F25 }
```

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

```
.border{ border-color:#FF6F25 }
```

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

Here you see how a box with a 4 pixel #FF6F25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF6F25; -webkit-box-shadow:4px 4px  
4px 4px #FF6F25; box-shadow:4px 4px 4px  
4px #FF6F25 }
```

Background

The CSS property to change the background color of an element to Hex FF6F25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF6F25 }
```

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

```
.background{ background-color:#FF6F25 }
```

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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