

# Converting Colors

Hex(FF6B28)

Have a look what the booklet for  
Hex(FF6B28) contains.

<b>Hex(FF6B28)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(F6B28)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF6B28
RGB	255, 107, 40
RGB Percent	100%, 42%, 16%
CMY	0.0000, 0.5804, 0.8431
CMYK	0.00, 0.58, 0.84, 0.00
HSL	19°, 100%, 58%
HSV	19°, 84%, 100%
XYZ	46.8807, 31.9286, 5.6994
YIQ	143.6140, 109.7150, 10.5390

# Conversions

## Conversions Part 2

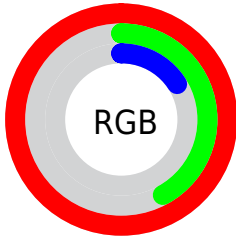
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 137, 40
Decimal	16739112
CIE Lab	63.28, 53.31, 61.88
CIE LCh	63, 81.679, 49.254
Yxy	31.9286, 0.5547, 0.3778
Android (android.graphics.Color)	4294929192 (0xFFFF6B28)
YUV	143.6140, -51.0817, 97.6855
Hunter-Lab	56.5054, 49.2113, 33.5735

# Details

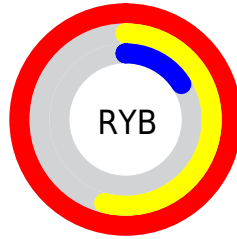
The Hex color **FF6B28** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **28BCFF**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FFA25C**, and **BE3400** is the 20% darker color. If you saturate the color by 10%, you get **FF590F**, and if you desaturate by 10%, it is **FF7D42**.

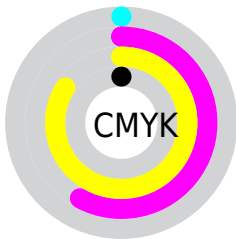
# Distribution



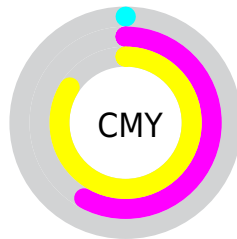
- Red (100%)
- Green (42%)
- Blue (16%)



- Red (100%)
- Yellow (54%)
- Blue (16%)



- Cyan (0%)
- Magenta (58%)
- Yellow (84%)
- Black (0%)



- Cyan (0%)
- Magenta (58%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF6B28 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 FF6B28 by changing the saturation by 10% instead.



 FF6B28

 FF6B28

FFFFFF

 DE5008

 FFA25C

 BE3400

 FFBE76

 9F1100

 FFDB91

 7F0000

 FFF9AC

 600000

 FFFFC8

 440001

 FFFF E5

 260001

 000000

 FF6B28

 FF6B28

■ FF590F

■ FF7D42

■ FF4F00

■ FF8E5B

■ FFA075

■ FFB18E

■ FFC3A8

■ FFD4C1

■ FFE6DB

■ FFF7F4

FFFFFF

# Harmonies

## Analogous

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



FF486E



FF6B28



CE8D00

# Triad

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



FF6B28



00B87C



5091FF

# Complementary

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



FF6B28



28BCFF

# 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



FF6B28



00B9C7

# Square

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



FF6B28



19B12E



00B6FF



D56DF9

# Rectangle

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



FF6B28



A49D00



00B6FF



009BFF



# Sweetspot

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



FF6B28



FFD3BF



FF28BF



806559



000000



808080



# Same Dimension

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



FF6B28



FF4F00



FFD428



807773



BF3C00



401400



# Inverse Universe

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



28BCFF



00B0FF



2853FF



737C80



0084BF



002C40



# Previews

## White Background



This preview shows how the Hex color FF6B28 looks on a white background.

## Color Contrast Check

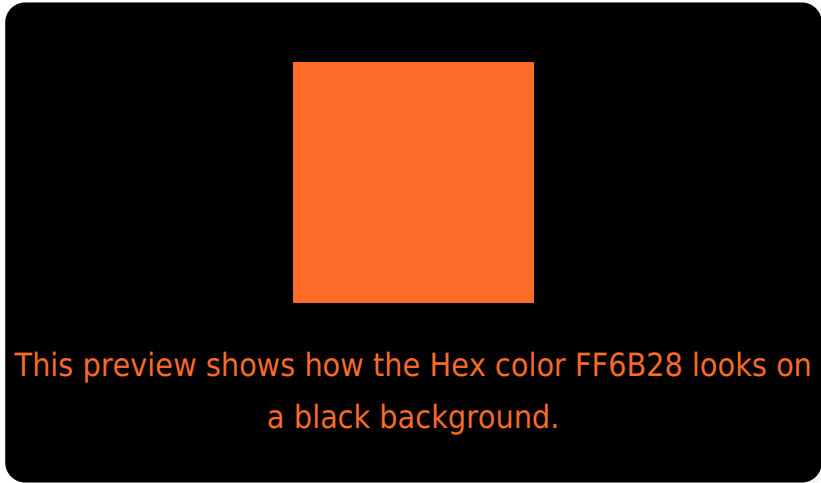
Large Text (above 18pt) WCAG AA × Fail

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 FF6B28 Background



This preview shows how black text looks on a background with the Hex color FF6B28.

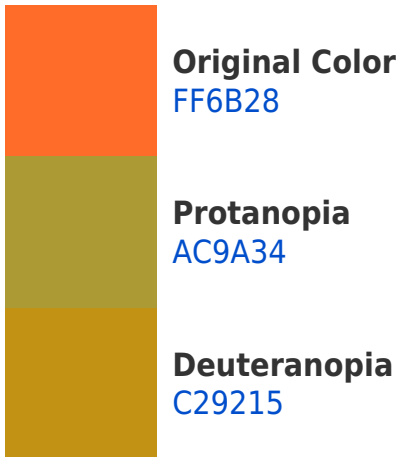


This preview shows how white text looks on a background with the Hex color FF6B28.

# 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**  
FF666C

# Trichromacy



**Original Color**  
FF6B28

**Protanomaly**  
CA8930

**Deuteranomaly**  
D8841C

**Tritanomaly**  
FF6853

# Monochromacy



**Original Color**  
FF6B28

**Achromatopsia**  
909090

**Achromatomaly**  
B8836A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF6B28 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 #FF6B28 looks like.

```
.text, #text, p{  
    color:#FF6B28  
}
```

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 #FF6B28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF6B28
}
```

## Border

The CSS property to change the border of an element to Hex FF6B28 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
#FF6B28 }
```

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

```
.border{ border-color:#FF6B28 }
```

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

Here you see how a box with a 4 pixel #FF6B28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF6B28; -webkit-box-shadow:4px 4px  
4px 4px #FF6B28; box-shadow:4px 4px 4px  
4px #FF6B28 }
```

# Background

The CSS property to change the background color of an element to Hex FF6B28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF6B28 }
```

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

```
.background{ background-color:#FF6B28 }
```

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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