

# Converting Colors

Hex(F6813C)

Have a look what the booklet for  
Hex(F6813C) contains.

<b>Hex(F6813C)</b>	3
<i><b>Conversions</b></i>	4
<i><b>Details</b></i>	6
<i><b>Harmonies</b></i>	11
<i><b>Previews</b></i>	23
<i><b>Color Blindness Simulation</b></i>	26
<i><b>CSS Examples</b></i>	29

# Color

**Hex(F6813C)**

# Conversions

Conversions Part 1	
Format	Color
Hex	F6813C
RGB	246, 129, 60
RGB Percent	96%, 51%, 24%
CMY	0.0353, 0.4941, 0.7647
CMYK	0.00, 0.48, 0.76, 0.04
HSL	22°, 91%, 60%
HSV	22°, 76%, 96%
XYZ	46.6719, 35.6196, 8.6904
YIQ	156.1170, 91.8810, 3.3450

# Conversions

## Conversions Part 2

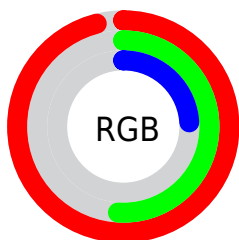
Format	Color
<a href="#">RYB</a>	<a href="#">246, 170, 60</a>
Decimal	<a href="#">16154940</a>
CIELab	<a href="#">66.23, 40.03, 55.66</a>
CIELCh	<a href="#">66, 68.564, 54.276</a>
Yxy	<a href="#">35.6196, 0.5130, 0.3915</a>
Android (android.graphics.Color)	<a href="#">4294345020</a> (0xFFFF6813C)
YUV	<a href="#">156.1170, -47.3857, 78.8274</a>
Hunter-Lab	<a href="#">59.6821, 35.1446, 33.1443</a>

# Details

The Hex color **F6813C** is a dark color, and the websafe version is hex **CC6600**. The color can be described as middle washed orange. A complement of this color would be **3CB1F6**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFB76F**, and **B74D02** is the 20% darker color. If you saturate the color by 10%, you get **F67223**, and if you desaturate by 10%, it is **F69055**.

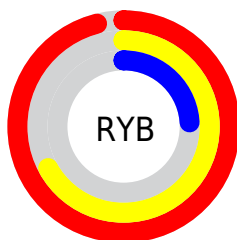
# Distribution



Red (96%)

Green (51%)

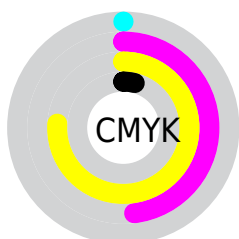
Blue (24%)



Red (96%)

Yellow (67%)

Blue (24%)

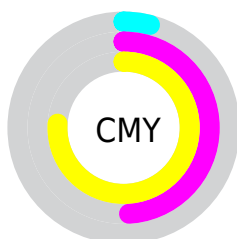


Cyan (0%)

Magenta (48%)

Yellow (76%)

Black (4%)



Cyan (4%)

Magenta (49%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F6813C 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 F6813C by changing the saturation by 10% instead.



 F6813C

FFFFFF

 FFB76F

 FFD38A

 FFF0A5

 FFFFC0

 FFFFDD

 FFFFFA

 F6813C

 D66722

 B74D02

 993400

 7A1900

 5C0000

 400000

 250001

 000000

 F6813C

 F6813C

 F67223

 F69055

 F6620B

 F6A06D

 F65B00

 F6AF86

 F6BF9E

 F6CEB7

 F6DED0

 F6EDE8

 F6FDFF

 F6FFFF

# Harmonies

## Analogous

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



FF6972



F6813C



C99A0E

# Triad

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



F6813C



00BD93



8A96FF

# Complementary

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



F6813C



3CB1F6

# 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



F6813C



00BED2

# Square

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



F6813C



37B855



00B9FF



E07AEA

# Rectangle

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



F6813C



A4A710



00B9FF



5A9EFF



# Sweetspot

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



F6813C



FFDAC4



F63CB2



80695C



000000



808080



# Same Dimension

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



F6813C



FF6D17



F6DD3C



7A736E



BA4500



3B1600

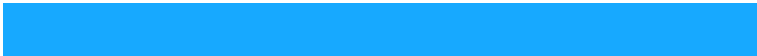


# Inverse Universe

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



3CB1F6



17A9FF



3C55F6



6E767A



0075BA



00253B



# Previews

## White Background



This preview shows how the Hex color F6813C 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



This preview shows how the Hex color F6813C looks on a 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 F6813C Background



This preview shows how black text looks on a background with the Hex color F6813C.



This preview shows how white text looks on a background with the Hex color F6813C.

# 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**  
F6813C





**Protanopia**  
B3A245

**Deuteranopia**  
CA9935



**Tritanopia**  
F97982

# Trichromacy

	<b>Original Color</b> F6813C
	<b>Protanomaly</b> CB9642
	<b>Deuteranomaly</b> DA9038
	<b>Tritanomaly</b> F87C69

# Monochromacy

	<b>Original Color</b> F6813C
	<b>Achromatopsia</b> 9C9C9C
	<b>Achromatomaly</b> BD9279

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F6813C 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 #F6813C looks like.

```
.text, #text, p{  
    color:#F6813C  
}
```

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 #F6813C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F6813C
}
```

## Border

The CSS property to change the border of an element to Hex F6813C 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
#F6813C }
```

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

```
.border{ border-color:#F6813C }
```

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

Here you see how a box with a 4 pixel #F6813C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F6813C; -webkit-box-shadow:4px 4px  
4px 4px #F6813C; box-shadow:4px 4px 4px  
4px #F6813C }
```

# Background

The CSS property to change the background color of an element to Hex F6813C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F6813C }
```

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

```
.background{ background-color:#F6813C }
```

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](#).



Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor