

# Converting Colors

Hex(F46131)

Have a look what the booklet for  
Hex(F46131) contains.

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**Color**

**Hex(F46131)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F46131
RGB	244, 97, 49
RGB Percent	96%, 38%, 19%
CMY	0.0431, 0.6196, 0.8078
CMYK	0.00, 0.60, 0.80, 0.04
HSL	15°, 90%, 57%
HSV	15°, 80%, 96%
XYZ	42.1373, 28.0042, 6.0902
YIQ	135.4810, 103.0200, 16.2360

# Conversions

## Conversions Part 2

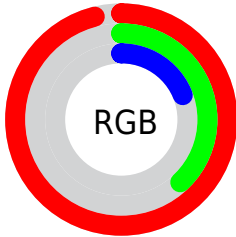
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	244, 113, 49
Decimal	16015665
CIE Lab	59.89, 54.13, 54.36
CIE LCh	60, 76.715, 45.123
Yxy	28.0042, 0.5528, 0.3674
Android (android.graphics.Color)	4294205745 (0xFFFF46131)
YUV	135.4810, -42.6351, 95.1712
Hunter-Lab	52.9190, 49.5241, 30.2199

# Details

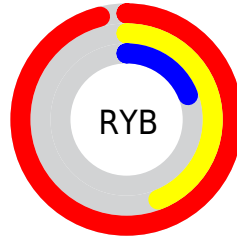
The Hex color **F46131** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **31C4F4**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **FF9863**, and **B42800** is the 20% darker color. If you saturate the color by 10%, you get **F44F19**, and if you desaturate by 10%, it is **F47349**.

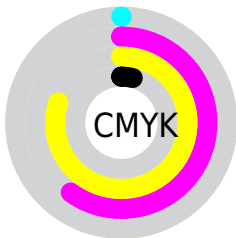
# Distribution



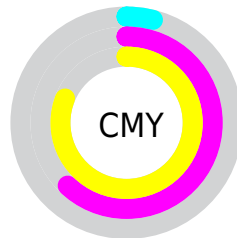
- Red (96%)
- Green (38%)
- Blue (19%)



- Red (96%)
- Yellow (44%)
- Blue (19%)



- Cyan (0%)
- Magenta (60%)
- Yellow (80%)
- Black (4%)



- Cyan (4%)
- Magenta (62%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F46131 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 F46131 by changing the saturation by 10% instead.



 F46131

 F46131

FFFFFF

 D44518

 FF9863

 B42800

 FFB47D

 950000

 FFD197

 750000

 FFEEB3

 570000

 FFFFCF

 3C0003

 FFFFEB

 170000

 000000

 F46131

 F46131

 F44F19

 F47349

 F43C00

 F48662

 F4987A

 F4AB93

 F4BDAB

 F4CFC3

 F4E2DC

 F4F4F4

 F4FFFF

# Harmonies

## Analogous

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



FF4471



F46131



C98100

# Triad

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



F46131



00AC6B



238DFE

# Complementary

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



F46131



31C4F4

# 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.



00A2FF



F46131



00AEB2

# Square

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



F46131



38A523



00ACEF



BD6DF1

# Rectangle

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



F46131



A39100



00ACEF



0095FF



# Sweetspot

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



F46131



FFD1C2



F431C6



80645B



000000



808080



# Same Dimension

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



F46131



FF460A



F4C031



7A716E



BA2E00



3B0E00

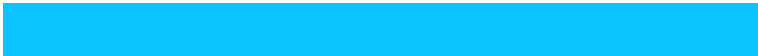


# Inverse Universe

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



31C4F4



0AC3FF



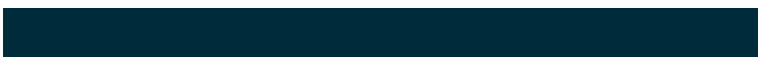
3165F4



6E777A



008CBA



002C3B



# Previews

## White Background



This preview shows how the Hex color F46131 looks on a white background.

## Color Contrast Check

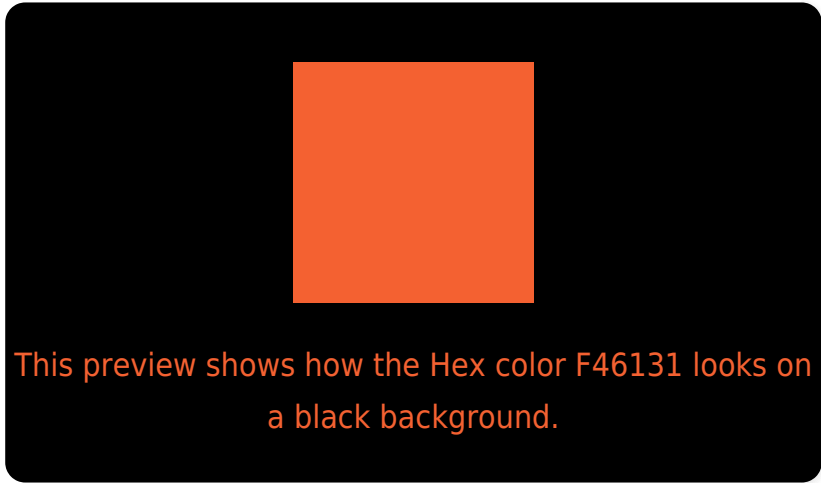
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex F46131 Background



This preview shows how black text looks on a background with the Hex color F46131.



This preview shows how white text looks on a background with the Hex color F46131.

# 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**  
F46131

**Protanopia**  
A1913E

**Deuteranopia**  
B68924



**Tritanopia**  
F65C61

# Trichromacy



**Original Color**  
F46131

**Protanomaly**  
BF8039

**Deuteranomaly**  
CD7A29

**Tritanomaly**  
F55E50

# Monochromacy



**Original Color**  
F46131

**Achromatopsia**  
878787

**Achromatomaly**  
AF7968

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F46131 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 #F46131 looks like.

```
.text, #text, p{  
    color:#F46131  
}
```

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 #F46131 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F46131
}
```

## Border

The CSS property to change the border of an element to Hex F46131 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
#F46131 }
```

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

```
.border{ border-color:#F46131 }
```

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

Here you see how a box with a 4 pixel #F46131 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F46131; -webkit-box-shadow:4px 4px  
4px 4px #F46131; box-shadow:4px 4px 4px  
4px #F46131 }
```

# Background

The CSS property to change the background color of an element to Hex F46131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F46131 }
```

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

```
.background{ background-color:#F46131 }
```

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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