

Converting Colors

Hex(F76731)

Have a look what the booklet for
Hex(F76731) contains.

Hex(F76731)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F76731)

Conversions

Conversions Part 1

Format	Color
Hex	F76731
RGB	247, 103, 49
RGB Percent	97%, 40%, 19%
CMY	0.0314, 0.5961, 0.8078
CMYK	0.00, 0.58, 0.80, 0.03
HSL	16°, 93%, 58%
HSV	16°, 80%, 97%
XYZ	43.7624, 29.6964, 6.3312
YIQ	139.9000, 103.1580, 13.7340

Conversions

Conversions Part 2

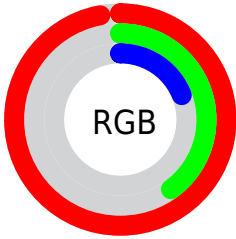
Format	Color
R_{YB}	247, 123, 49
Decimal	16213809
CIE _{Lab}	61.39, 52.51, 55.95
CIE _{LCh}	61, 76.731, 46.818
Yxy	29.6964, 0.5485, 0.3722
Android (android.graphics.Color)	4294403889 (0xFFFF76731)
YUV	139.9000, -44.8137, 93.9267
Hunter-Lab	54.4944, 47.9814, 31.2578

Details

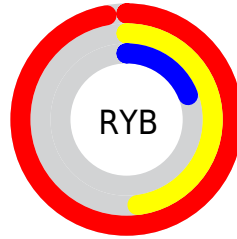
The Hex color **F76731** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **31C1F7**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FF9E63**, and **B72F00** is the 20% darker color. If you saturate the color by 10%, you get **F75518**, and if you desaturate by 10%, it is **F7794A**.

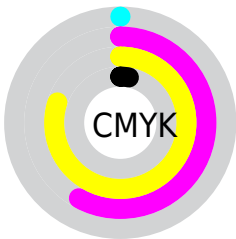
Distribution



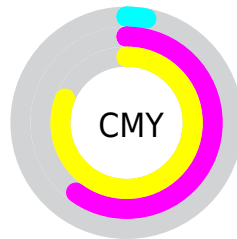
- Red (97%)
- Green (40%)
- Blue (19%)



- Red (97%)
- Yellow (48%)
- Blue (19%)



- Cyan (0%)
- Magenta (58%)
- Yellow (80%)
- Black (3%)



- Cyan (3%)
- Magenta (60%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color F76731 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 F76731 by changing the saturation by 10% instead.

 F76731

 F76731

FFFFFF

 D74C17

 FF9E63

 B72F00

 FFBA7D

 980A00

 FFD798

 780000

 FFF4B3

 5A0000

 FFFFCE

 3E0002

 FFFFEC

 1D0001

 000000

 F76731

 F76731

 F75518

 F7794A

 F74300

 F78B62

 F79D7B

 F7AF94

 F7C1AD

 F7D3C5

 F7E5DE

 F7F7F7

 F7FFFF

Harmonies

Analogous

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



FF4A71



F76731



CB8600

Triad

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



F76731



00B173



418FFF

Complementary

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



F76731



31C1F7

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.



00A5FF



F76731



00B3BA

Square

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



F76731



34AA2C



00B0F7



C66FF2

Rectangle

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



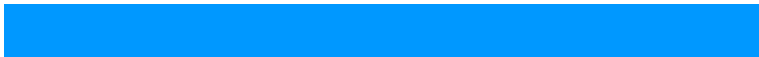
F76731



A49600



00B0F7



0098FF

Sweetspot

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



F76731



FFD2C2



F731C2



80655B



000000



808080

Same Dimension

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



F76731



FF4D0A



F7C931



7A716E



BA3300



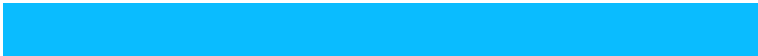
3B1000

Inverse Universe

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



31C1F7



0ABCFF



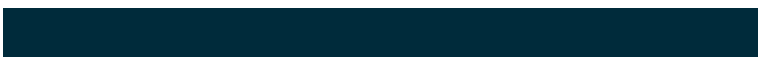
315FF7



6E777A



0087BA



002B3B

Previews

White Background



This preview shows how the Hex color F76731 looks on a white background.

Color Contrast Check

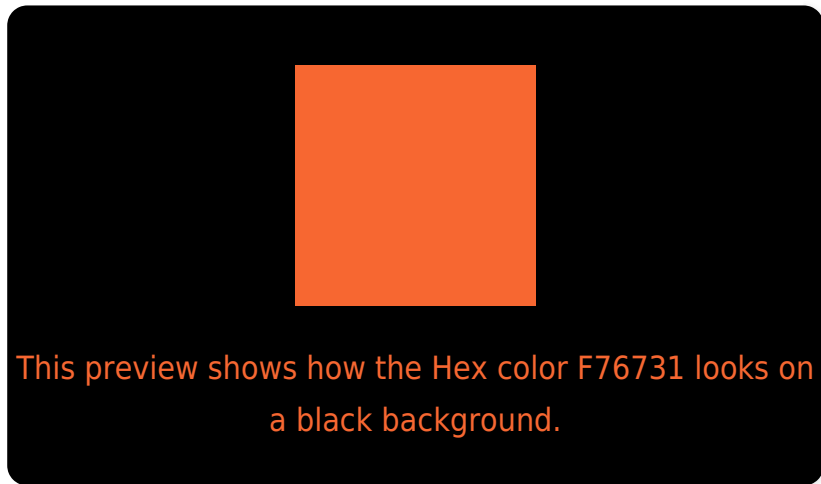
Large Text (above 18pt) WCAG AA ✓ Pass

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 F76731 Background



This preview shows how black text looks on a background with the Hex color F76731.



This preview shows how white text looks on a background with the Hex color F76731.

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
F76731

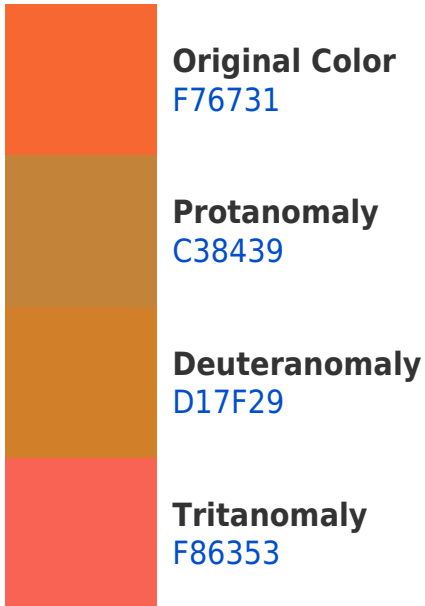
Protanopia
A5953E

Deuteranopia
BB8D25



Tritanopia
F96167

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F76731 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 #F76731 looks like.

```
.text, #text, p{  
    color:#F76731  
}
```

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 #F76731 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F76731
}
```

Border

The CSS property to change the border of an element to Hex F76731 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
#F76731 }
```

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

```
.border{ border-color:#F76731 }
```

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

Here you see how a box with a 4 pixel #F76731 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F76731; -webkit-box-shadow:4px 4px  
4px 4px #F76731; box-shadow:4px 4px 4px  
4px #F76731 }
```

Background

The CSS property to change the background color of an element to Hex F76731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F76731 }
```

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

```
.background{ background-color:#F76731 }
```

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