

Converting Colors

Hex(F76622)

Have a look what the booklet for
Hex(F76622) contains.

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Color

Hex(F76622)

Conversions

Conversions Part 1

Format	Color
Hex	F76622
RGB	247, 102, 34
RGB Percent	97%, 40%, 13%
CMY	0.0314, 0.6000, 0.8667
CMYK	0.00, 0.59, 0.86, 0.03
HSL	19°, 93%, 55%
HSV	19°, 86%, 97%
XYZ	43.3979, 29.3924, 4.8994
YIQ	137.6030, 108.2480, 9.5920

Conversions

Conversions Part 2

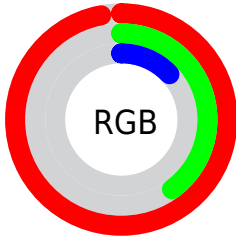
Format	Color
RYB	247, 134, 34
Decimal	16213538
CIELab	61.13, 52.58, 61.84
CIElCh	61, 81.169, 49.629
Yxy	29.3924, 0.5586, 0.3783
Android (android.graphics.Color)	4294403618 (0xFFFF76622)
YUV	137.6030, -51.0763, 95.9412
Hunter-Lab	54.2148, 48.0100, 32.5923

Details

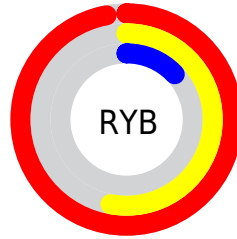
The Hex color **F76622** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **22B3F7**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FF9D56**, and **B72E00** is the 20% darker color. If you saturate the color by 10%, you get **F75509**, and if you desaturate by 10%, it is **F7773B**.

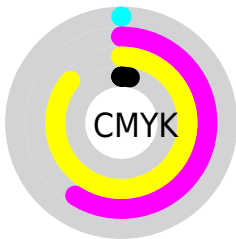
Distribution



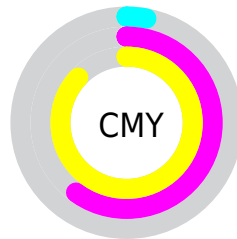
- Red (97%)
- Green (40%)
- Blue (13%)



- Red (97%)
- Yellow (53%)
- Blue (13%)



- Cyan (0%)
- Magenta (59%)
- Yellow (86%)
- Black (3%)



- Cyan (3%)
- Magenta (60%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color F76622 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 F76622 by changing the saturation by 10% instead.

 F76622

 F76622

FFFFFF

 D74B00

 FF9D56

 B72E00

 FFB971

 970900

 FFD68B

 780000

 FFF3A6

 590000

 FFFFC2

 3E0002

 FFFFDF

 1C0001

 FFFFFC

 000000

 F76622

 F76622

 F75509

 F7773B

 F74F00

 F78853

 F7986C

 F7A985

 F7BA9D

 F7CBB6

 F7DCCF

 F7EDE8

 F7FDFF

Harmonies

Analogous

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



FF4268



F76622



C78700

Triad

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



F76622



00B177



4C8CFF

Complementary

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



F76622



22B3F7

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.



00A4FF



F76622



00B3C2

Square

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



F76622



04AB2A



00B0FF



CF67F2

Rectangle

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



F76622



9D9800



00B0FF



0095FF

Sweetspot

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



F76622



FFD2BD



F722B4



806558



000000



808080

Same Dimension

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



F76622



FF5100



F7D022



7A726E



BA3B00



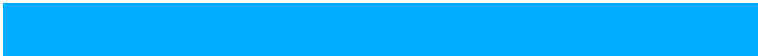
3B1300

Inverse Universe

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



22B3F7



00AEFF



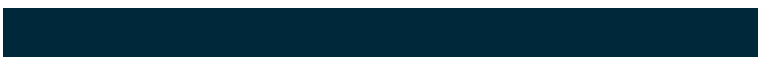
2249F7



6E767A



007FBA



00283B

Previews

White Background



This preview shows how the Hex color F76622 looks on a white background.

Color Contrast Check

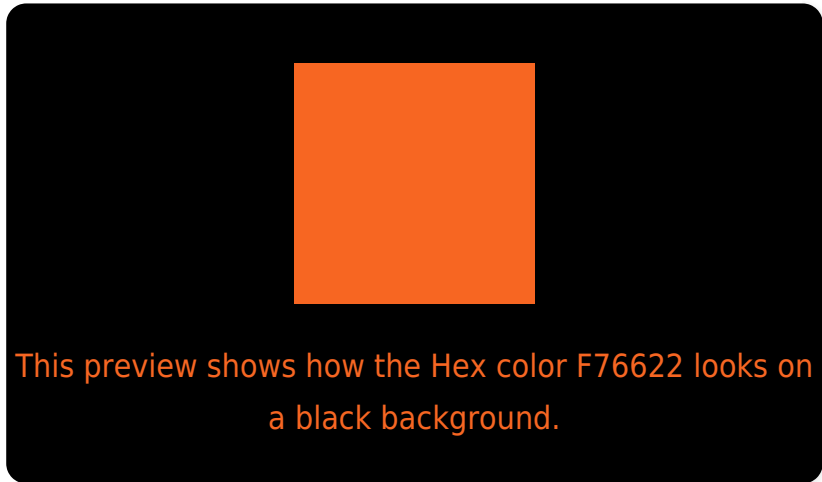
Large Text (above 18pt) WCAG AA ✓ Pass

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 F76622 Background



This preview shows how black text looks on a background with the Hex color F76622.



This preview shows how white text looks on a background with the Hex color F76622.

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
F76622

Protanopia
A6942E

Deuteranopia
BB8C00



Tritanopia
F95F65

Trichromacy



Original Color
F76622

Protanomaly
C3832A

Deuteranomaly
D17E0C

Tritanomaly
F8624D

Monochromacy



Original Color
F76622

Achromatopsia
8A8A8A

Achromatomaly
B27D64

CSS Examples

Text

The CSS property to change the color of the text to Hex F76622 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 #F76622 looks like.

```
.text, #text, p{  
    color:#F76622  
}
```

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 #F76622 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F76622
}
```

Border

The CSS property to change the border of an element to Hex F76622 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
#F76622 }
```

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

```
.border{ border-color:#F76622 }
```

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

Here you see how a box with a 4 pixel #F76622 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F76622; -webkit-box-shadow:4px 4px  
4px 4px #F76622; box-shadow:4px 4px 4px  
4px #F76622 }
```

Background

The CSS property to change the background color of an element to Hex F76622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F76622 }
```

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

```
.background{ background-color:#F76622 }
```

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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