

Converting Colors

Hex(F76643)

Have a look what the booklet for
Hex(F76643) contains.

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Color

Hex(F76643)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F76643 |
| RGB | 247, 102, 67 |
| RGB Percent | 97%, 40%, 26% |
| CMY | 0.0314, 0.6000, 0.7373 |
| CMYK | 0.00, 0.59, 0.73, 0.03 |
| HSL | 12°, 92%, 62% |
| HSV | 12°, 73%, 97% |
| XYZ | 44.1223, 29.6821, 8.7139 |
| YIQ | 141.3650, 97.6550, 19.8550 |

Conversions

Conversions Part 2

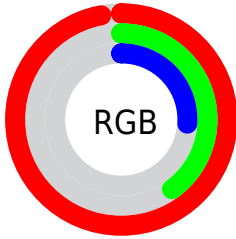
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 247, 110, 67 |
| Decimal | 16213571 |
| CIE _{Lab} | 61.38, 53.62, 47.22 |
| CIE _{LCh} | 61, 71.449, 41.372 |
| Yxy | 29.6821, 0.5347, 0.3597 |
| Android (android.graphics.Color) | 4294403651 (0xFFFF76643) |
| YUV | 141.3650, -36.6619, 92.6419 |
| Hunter-Lab | 54.4813, 49.2177, 28.6539 |

Details

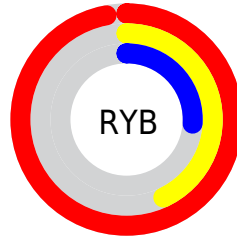
The Hex color **F76643** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **43D4F7**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FF9D75**, and **B72E13** is the 20% darker color. If you saturate the color by 10%, you get **F7522A**, and if you desaturate by 10%, it is **F77A5C**.

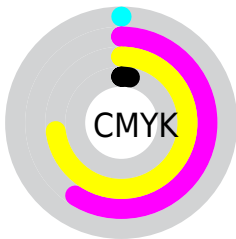
Distribution



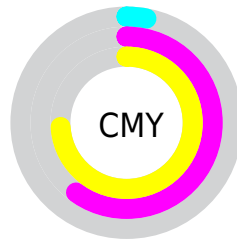
- Red (97%)
- Green (40%)
- Blue (26%)



- Red (97%)
- Yellow (43%)
- Blue (26%)



- Cyan (0%)
- Magenta (59%)
- Yellow (73%)
- Black (3%)



- Cyan (3%)
- Magenta (60%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color F76643 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 F76643 by changing the saturation by 10% instead.

 F76643

 F76643

FFFFFF

 D74B2B

 FF9D75

 B72E13

 FFB98F

 980600

 FFD6AA

 790000

 FFF3C5

 5B0000

 FFFFE1

 3F0002

FFFFFFE

 1E0001

 000000

 F76643

 F76643

 F7522A

 F77A5C

 F73E12

 F78E74

 F73000

 F7A28D

 F7B6A6

 F7C9BF

 F7DDD7

 F7F1F0

 F7FFFF

Harmonies

Analogous

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



FF517F



F76643



D18200

Triad

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



F76643



00AF69



1494FF

Complementary

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



F76643



43D4F7

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.



00A6FF



F76643



00B1AB

Square

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



F76643



53A729



00AFE7



B578F4

Rectangle

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



F76643



AF9200



00AFE7



009BFF

Sweetspot

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



F76643



FFD2C7



F743D6



80655E



000000



808080

Same Dimension

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



F76643



FF4C21



F7BE43



7A716E



BA2400



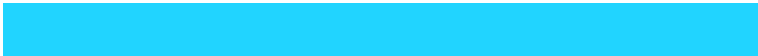
3B0B00

Inverse Universe

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



43D4F7



21D4FF



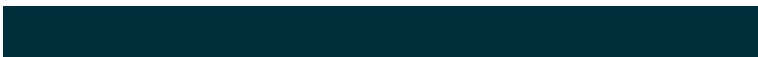
437CF7



6E787A



0096BA



002F3B

Previews

White Background



This preview shows how the Hex color F76643 looks on a white background.

Color Contrast Check

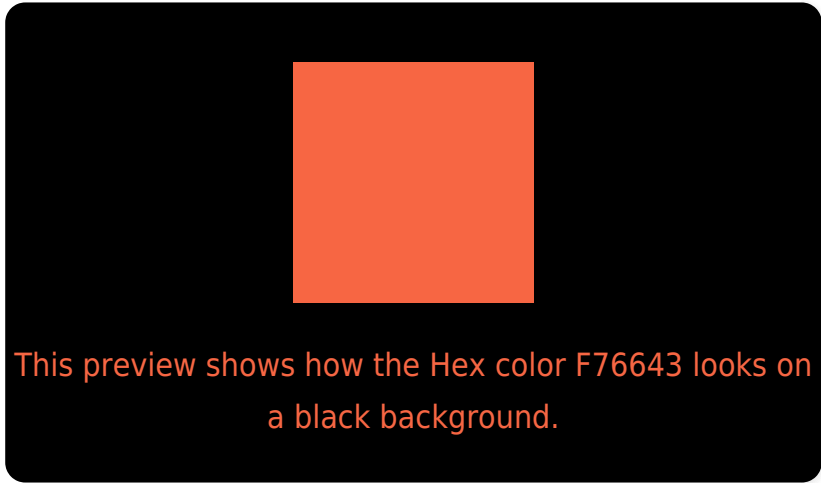
Large Text (above 18pt) WCAG AA ✓ Pass

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 F76643 Background



This preview shows how black text looks on a background with the Hex color F76643.



This preview shows how white text looks on a background with the Hex color F76643.

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
F76643

Protanopia
A39552

Deuteranopia
B98D3A



Tritanopia
F96168

Trichromacy



Original Color
F76643

Protanomaly
C2844D

Deuteranomaly
D07F3D

Tritanomaly
F8635B

Monochromacy



Original Color
F76643

Achromatopsia
8D8D8D

Achromatomaly
B47F72

CSS Examples

Text

The CSS property to change the color of the text to Hex F76643 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 #F76643 looks like.

```
.text, #text, p{  
    color:#F76643  
}
```

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 #F76643 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F76643
}
```

Border

The CSS property to change the border of an element to Hex F76643 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
#F76643 }
```

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

```
.border{ border-color:#F76643 }
```

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

Here you see how a box with a 4 pixel #F76643 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F76643; -webkit-box-shadow:4px 4px  
4px 4px #F76643; box-shadow:4px 4px 4px  
4px #F76643 }
```

Background

The CSS property to change the background color of an element to Hex F76643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F76643 }
```

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

```
.background{ background-color:#F76643 }
```

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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