

Converting Colors

Hex(F76237)

Have a look what the booklet for
Hex(F76237) contains.

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Color

Hex(F76237)

Conversions

Conversions Part 1

Format	Color
Hex	F76237
RGB	247, 98, 55
RGB Percent	97%, 38%, 22%
CMY	0.0314, 0.6157, 0.7843
CMYK	0.00, 0.60, 0.78, 0.03
HSL	13°, 92%, 59%
HSV	13°, 78%, 97%
XYZ	43.4150, 28.7854, 6.8823
YIQ	137.6490, 102.6070, 18.2150

Conversions

Conversions Part 2

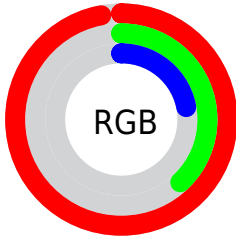
Format	Color
R _Y B	247, 110, 55
Decimal	16212535
CIE Lab	60.59, 54.93, 52.39
CIE LCh	61, 75.906, 43.641
Yxy	28.7854, 0.5490, 0.3640
Android (android.graphics.Color)	4294402615 (0xFFFF76237)
YUV	137.6490, -40.7460, 95.9008
Hunter-Lab	53.6520, 50.5507, 29.9508

Details

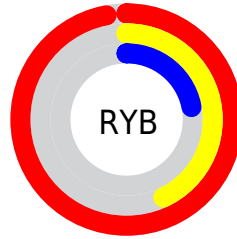
The Hex color **F76237** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **37CCF7**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FF9969**, and **B72803** is the 20% darker color. If you saturate the color by 10%, you get **F74F1E**, and if you desaturate by 10%, it is **F77550**.

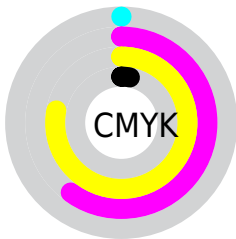
Distribution



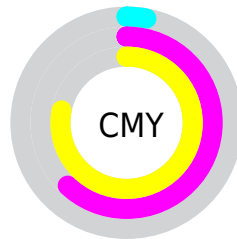
- Red (97%)
- Green (38%)
- Blue (22%)



- Red (97%)
- Yellow (43%)
- Blue (22%)



- Cyan (0%)
- Magenta (60%)
- Yellow (78%)
- Black (3%)



- Cyan (3%)
- Magenta (62%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color F76237 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 F76237 by changing the saturation by 10% instead.

 F76237

 F76237

FFFFFF

 D7461F

 FF9969

 B72803

 FFB683

 980000

 FFD29D

 780000

 FFF0B9

 5A0000

 FFFFD5

 3E0002

 FFFFF1

 1C0001

 000000

 F76237

 F76237

 F74F1E

 F77550

 F73C06

 F78868

 F73700

 F79C81

 F7AF9A

 F7C2B3

 F7D5CB

 F7E8E4

 F7FBFD

 F7FFFF

Harmonies

Analogous

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



FF4777



F76237



CD8100

Triad

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



F76237



00AE6A



0F90FF

Complementary

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



F76237



37CCF7

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



F76237



00B0B0

Square

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



F76237



42A722



00AEEE



BA71F4

Rectangle

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



F76237



A89200



00AEEE



0098FF

Sweetspot

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



F76237



FFD1C4



F737CD



80645C



000000



808080

Same Dimension

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



F76237



FF4712



F7C137



7A716E



BA2A00



3B0D00

Inverse Universe

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



37CCF7



12CAFF



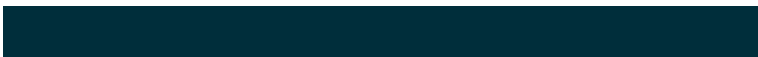
376DF7



6E787A



0090BA



002E3B

Previews

White Background



This preview shows how the Hex color F76237 looks on a white background.

Color Contrast Check

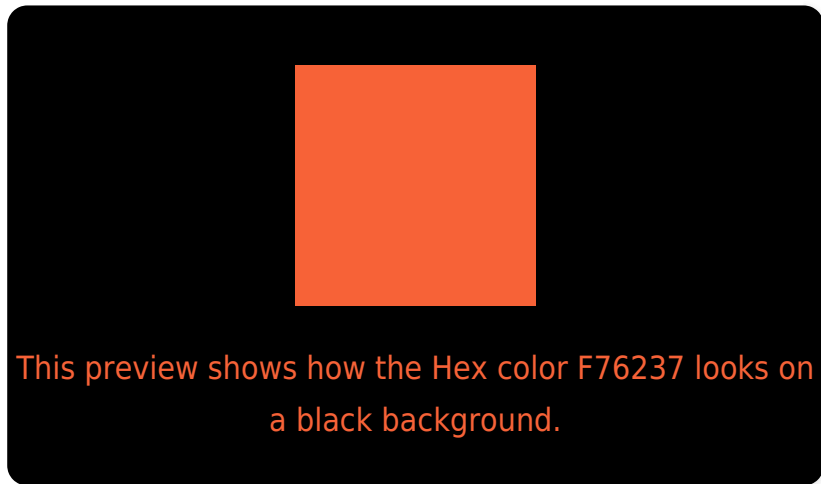
Large Text (above 18pt) WCAG AA ✓ Pass

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 F76237 Background



This preview shows how black text looks on a background with the Hex color F76237.



This preview shows how white text looks on a background with the Hex color F76237.

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
F76237

Protanopia
A29345

Deuteranopia
B88B2C



Tritanopia
F95D63

Trichromacy



Original Color
F76237

Protanomaly
C18140

Deuteranomaly
CF7C30

Tritanomaly
F85F53

Monochromacy



Original Color
F76237

Achromatopsia
8A8A8A

Achromatomaly
B27B6C

CSS Examples

Text

The CSS property to change the color of the text to Hex F76237 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 #F76237 looks like.

```
.text, #text, p{  
    color:#F76237  
}
```

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 #F76237 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F76237
}
```

Border

The CSS property to change the border of an element to Hex F76237 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
#F76237 }
```

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

```
.border{ border-color:#F76237 }
```

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

Here you see how a box with a 4 pixel #F76237 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F76237; -webkit-box-shadow:4px 4px  
4px 4px #F76237; box-shadow:4px 4px 4px  
4px #F76237 }
```

Background

The CSS property to change the background color of an element to Hex F76237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F76237 }
```

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

```
.background{ background-color:#F76237 }
```

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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