

Converting Colors

Hex(F0633A)

Have a look what the booklet for
Hex(F0633A) contains.

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Color

Hex(F0633A)

Conversions

Conversions Part 1

Format	Color
Hex	F0633A
RGB	240, 99, 58
RGB Percent	94%, 39%, 23%
CMY	0.0588, 0.6118, 0.7725
CMYK	0.00, 0.59, 0.76, 0.06
HSL	14°, 86%, 58%
HSV	14°, 76%, 94%
XYZ	41.1607, 27.7544, 7.1907
YIQ	136.4850, 97.1970, 17.1410

Conversions

Conversions Part 2

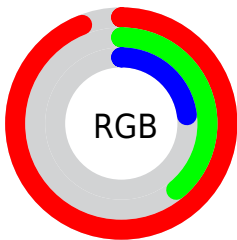
Format	Color
R_{YB}	240, 111, 58
Decimal	15754042
CIE _{Lab}	59.67, 52.14, 49.62
CIE _{LCh}	60, 71.973, 43.582
Yxy	27.7544, 0.5408, 0.3647
Android (android.graphics.Color)	4293944122 (0xFFFF0633A)
YUV	136.4850, -38.6931, 90.7827
Hunter-Lab	52.6825, 47.2675, 28.7851

Details

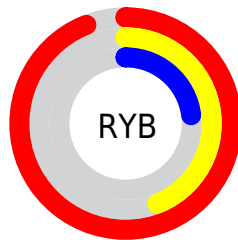
The Hex color **F0633A** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **3AC7F0**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FF9A6C**, and **B12B08** is the 20% darker color. If you saturate the color by 10%, you get **F05022**, and if you desaturate by 10%, it is **F07652**.

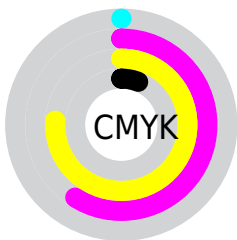
Distribution



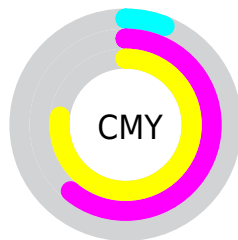
- Red (94%)
- Green (39%)
- Blue (23%)



- Red (94%)
- Yellow (44%)
- Blue (23%)



- Cyan (0%)
- Magenta (59%)
- Yellow (76%)
- Black (6%)



- Cyan (6%)
- Magenta (61%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color F0633A 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 F0633A by changing the saturation by 10% instead.

 F0633A

 F0633A

FFFFFF

 D04822

 FF9A6C

 B12B08

 FFB685

 920300

 FFD3A0

 730000

 FFF0BC

 540000

 FFFFD8

 3A0002

 FFFFF4

 120000

 000000

 F0633A

 F0633A

 F05022

 F07652

 F03E0A

 F0886A

 F03600

 F09B82

 F0AD9A

 F0C0B2

 F0D3CA

 F0E5E2

 F0F8FA

 F0FFFF

Harmonies

Analogous

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



FF4B76



F0633A



C98000

Triad

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



F0633A



00AA69



298EFF

Complementary

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



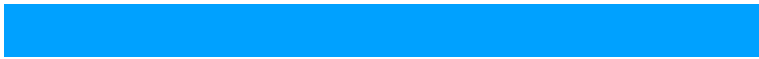
F0633A



3AC7F0

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.



00A1FF



F0633A



00ACAC

Square

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



F0633A



46A328



00AAE6



B671EC

Rectangle

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



F0633A



A68F00



00AAE6



0095FF

Sweetspot

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



F0633A



FFD2C4



F03AC9



80645C



000000



808080

Same Dimension

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



F0633A



FF4B17



F0BC3A



786F6C



B82900



380D00

Inverse Universe

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



3AC7F0



17CBFF



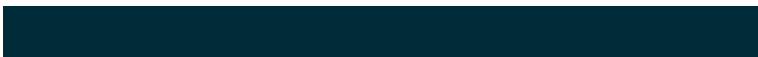
3A6EF0



6C7578



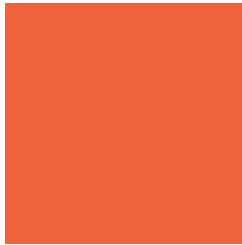
008EB8



002B38

Previews

White Background



This preview shows how the Hex color F0633A looks on a white background.

Color Contrast Check

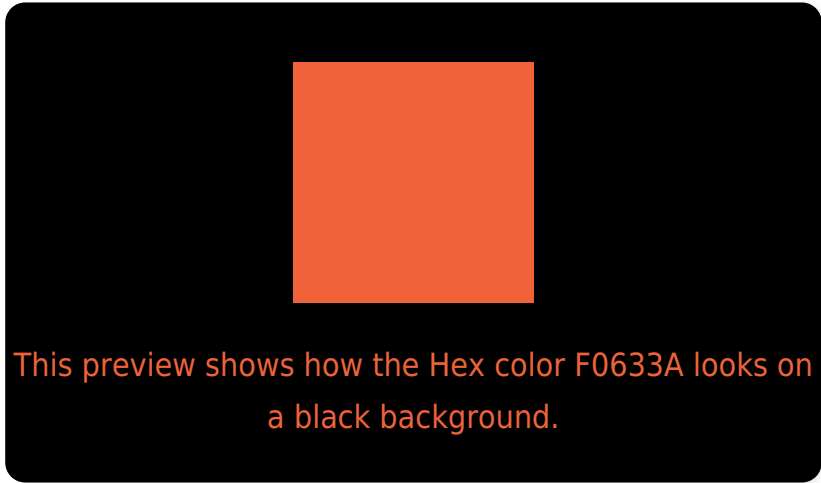
Large Text (above 18pt) WCAG AA ✓ Pass

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 F0633A Background



This preview shows how black text looks on a background with the Hex color F0633A.



This preview shows how white text looks on a background with the Hex color F0633A.

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
F0633A

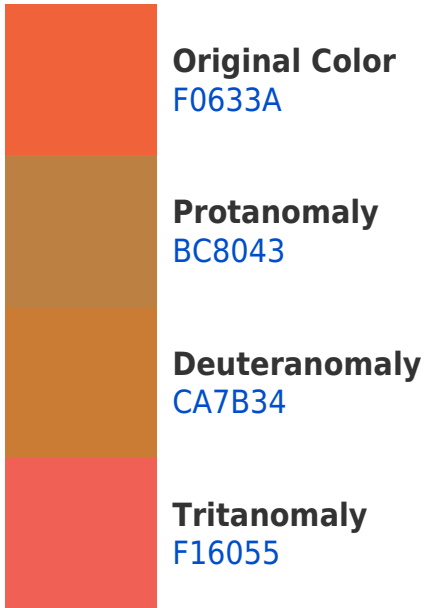
Protanopia
9F9048

Deuteranopia
B48930



Tritanopia
F25E64

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F0633A 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 #F0633A looks like.

```
.text, #text, p{  
    color:#F0633A  
}
```

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 #F0633A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0633A
}
```

Border

The CSS property to change the border of an element to Hex F0633A 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
#F0633A }
```

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

```
.border{ border-color:#F0633A }
```

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

Here you see how a box with a 4 pixel #F0633A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0633A; -webkit-box-shadow:4px 4px  
4px 4px #F0633A; box-shadow:4px 4px 4px  
4px #F0633A }
```

Background

The CSS property to change the background color of an element to Hex F0633A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0633A }
```

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

```
.background{ background-color:#F0633A }
```

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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