

Converting Colors

Hex(F0603A)

Have a look what the booklet for
Hex(F0603A) contains.

Hex(F0603A)	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(F0603A)

Conversions

Conversions Part 1

Format	Color
Hex	F0603A
RGB	240, 96, 58
RGB Percent	94%, 38%, 23%
CMY	0.0588, 0.6235, 0.7725
CMYK	0.00, 0.60, 0.76, 0.06
HSL	13°, 86%, 58%
HSV	13°, 76%, 94%
XYZ	40.8818, 27.1965, 7.0977
YIQ	134.7240, 98.0220, 18.7100

Conversions

Conversions Part 2

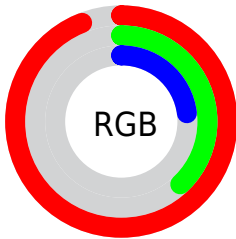
Format	Color
R_{YB}	240, 106, 58
Decimal	15753274
CIE _{Lab}	59.16, 53.48, 49.09
CIE _{LCh}	59, 72.593, 42.548
Yxy	27.1965, 0.5438, 0.3618
Android (android.graphics.Color)	4293943354 (0xFFFF0603A)
YUV	134.7240, -37.8249, 92.3271
Hunter-Lab	52.1503, 48.6672, 28.4357

Details

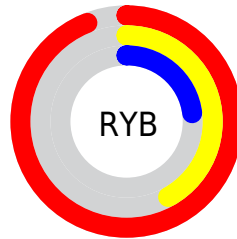
The Hex color **F0603A** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **3ACAF0**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FF976B**, and **B02708** is the 20% darker color. If you saturate the color by 10%, you get **F04D22**, and if you desaturate by 10%, it is **F07352**.

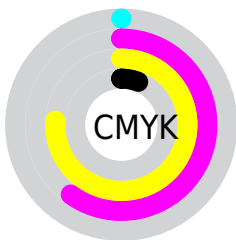
Distribution



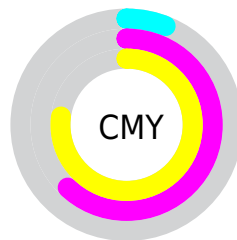
- Red (94%)
- Green (38%)
- Blue (23%)



- Red (94%)
- Yellow (42%)
- Blue (23%)



- Cyan (0%)
- Magenta (60%)
- Yellow (76%)
- Black (6%)



- Cyan (6%)
- Magenta (62%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color F0603A 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 F0603A by changing the saturation by 10% instead.

 F0603A

 F0603A

FFFFFF

 D04422

 FF976B

 B02708

 FFB385

 920000

 FFD0A0

 720000

 FFEDBB

 540000

 FFFFD7

 390002

 FFFFF4

 100000

 000000

 F0603A

 F0603A

 F04D22

 F07352

 F03A0A

 F0866A

 F03200

 F09982

 F0AC9A

 F0BFB2

 F0D2CA

 F0E5E2

 F0F8FA

 F0FFFF

Harmonies

Analogous

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



FF4876



F0603A



C97E00

Triad

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



F0603A



00A966



058DFF

Complementary

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



F0603A



3ACAFO

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.



00A0FF



F0603A



00ABA8

Square

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



F0603A



47A223



00A9E4



B270ED

Rectangle

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



F0603A



A68D00



00A9E4



0095FF

Sweetspot

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



F0603A



FFD1C4



F03ACC



80635C



000000



808080

Same Dimension

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



F0603A



FF4717



F0B93A



786E6C



B82600



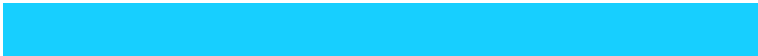
380C00

Inverse Universe

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



3ACAFO



17CFFF



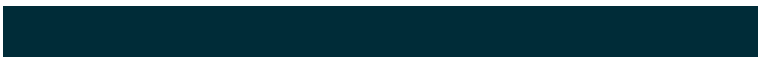
3A71FO



6C7578



0091B8



002C38

Previews

White Background



This preview shows how the Hex color F0603A looks on a white background.

Color Contrast Check

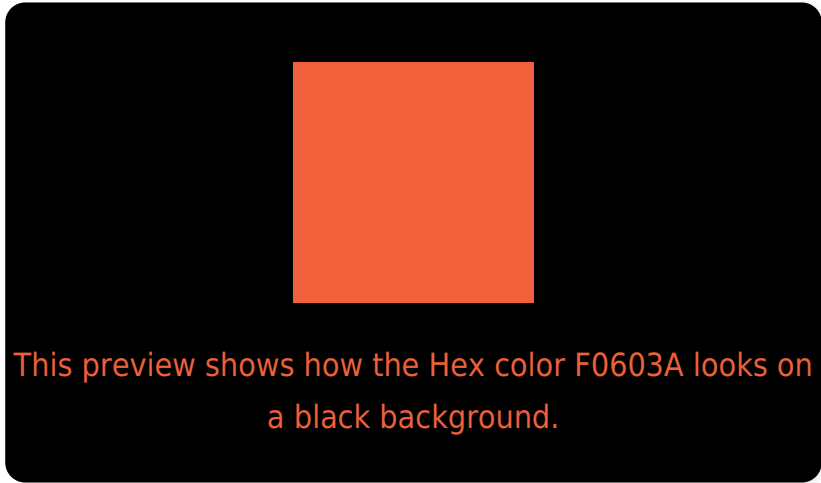
Large Text (above 18pt) WCAG AA ✓ Pass

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 F0603A Background



This preview shows how black text looks on a background with the Hex color F0603A.

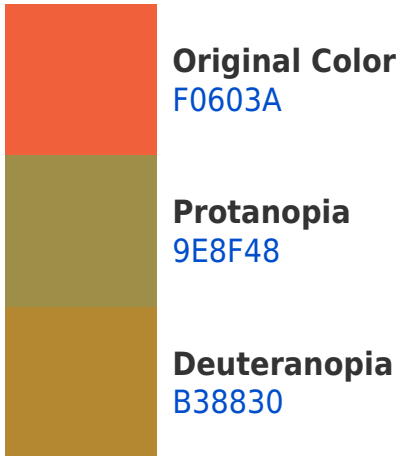


This preview shows how white text looks on a background with the Hex color F0603A.

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





Tritanopia
F25B61

Trichromacy



Original Color
F0603A

Protanomaly
BC7E43

Deuteranomaly
C97934

Tritanomaly
F15D53

Monochromacy



Original Color
F0603A

Achromatopsia
878787

Achromatomaly
AD796B

CSS Examples

Text

The CSS property to change the color of the text to Hex F0603A 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 #F0603A looks like.

```
.text, #text, p{  
    color:#F0603A  
}
```

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 #F0603A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0603A
}
```

Border

The CSS property to change the border of an element to Hex F0603A 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
#F0603A }
```

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

```
.border{ border-color:#F0603A }
```

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

Here you see how a box with a 4 pixel #F0603A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0603A; -webkit-box-shadow:4px 4px  
4px 4px #F0603A; box-shadow:4px 4px 4px  
4px #F0603A }
```

Background

The CSS property to change the background color of an element to Hex F0603A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0603A }
```

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

```
.background{ background-color:#F0603A }
```

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