

Converting Colors

Hex(F04F42)

Have a look what the booklet for
Hex(F04F42) contains.

Hex(F04F42)	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(F04F42)

Conversions

Conversions Part 1

Format	Color
Hex	F04F42
RGB	240, 79, 66
RGB Percent	94%, 31%, 26%
CMY	0.0588, 0.6902, 0.7412
CMYK	0.00, 0.67, 0.72, 0.06
HSL	4°, 85%, 60%
HSV	4°, 72%, 94%
XYZ	39.7145, 24.5106, 7.7921
YIQ	125.6570, 100.1290, 30.0890

Conversions

Conversions Part 2

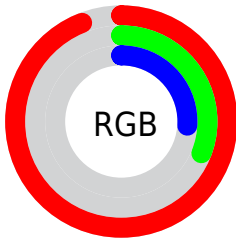
Format	Color
R_{YB}	240, 80, 66
Decimal	15748930
CIE _{Lab}	56.60, 60.89, 42.13
CIE _{LCh}	57, 74.044, 34.679
Yxy	24.5106, 0.5515, 0.3403
Android (android.graphics.Color)	4293939010 (0xFFFF04F42)
YUV	125.6570, -29.4109, 100.2788
Hunter-Lab	49.5082, 56.5501, 25.3241

Details

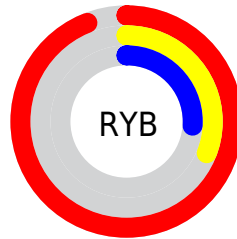
The Hex color **F04F42** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **42E3F0**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF8873**, and **B00115** is the 20% darker color. If you saturate the color by 10%, you get **F0392A**, and if you desaturate by 10%, it is **F0655A**.

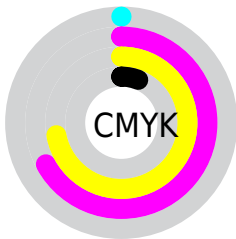
Distribution



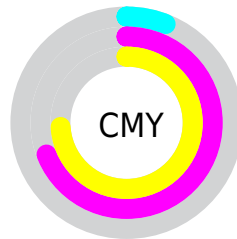
- Red (94%)
- Green (31%)
- Blue (26%)



- Red (94%)
- Yellow (31%)
- Blue (26%)



- Cyan (0%)
- Magenta (67%)
- Yellow (72%)
- Black (6%)



- Cyan (6%)
- Magenta (69%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color F04F42 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 F04F42 by changing the saturation by 10% instead.

 F04F42

 F04F42

FFFFFF

 D0302B

 FF8873

 B00115

 FFA48D

 910000

 FFC1A7

 720000

 FFDEC3

 530001

 FFFCDF

 370002

 FFFFFB

 080000

 000000

 F04F42

 F04F42

 F0392A

 F0655A

 F02312

 F07B72

 F01200

 F0928A

 F0A8A2

 F0BEBA

 F0D4D2

 F0EAEA

 F0FFFF

Harmonies

Analogous

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



F73B80



F04F42



CE6F00

Triad

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



F04F42



00A14D



008DFF

Complementary

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



F04F42



42E3F0

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.



009DFD



F04F42



00A490

Square

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



F04F42



579800



00A3D0



9271F3

Rectangle

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



F04F42



AD8100



00A3D0



0093FF

Sweetspot

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



F04F42



FFCBC7



F042E4



80615E



000000



808080

Same Dimension

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



F04F42



FF3221



F0A542



786D6C



B80E00



380400

Inverse Universe

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



42E3F0



21EEFF



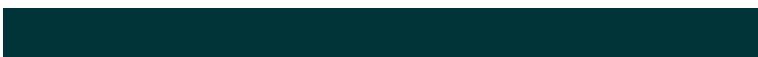
428DF0



6C7778



00AAB8



003438

Previews

White Background



This preview shows how the Hex color F04F42 looks on a white background.

Color Contrast Check

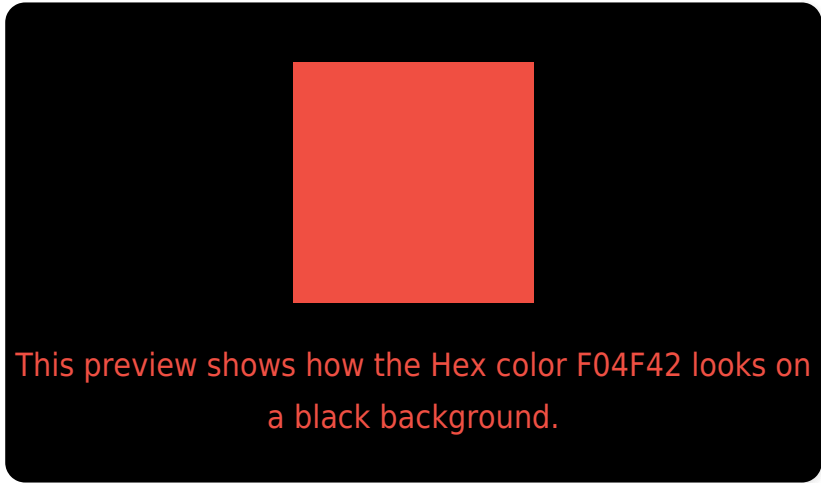
Large Text (above 18pt) WCAG AA ✓ Pass

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 F04F42 Background



This preview shows how black text looks on a background with the Hex color F04F42.



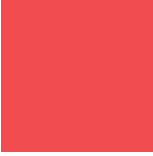
This preview shows how white text looks on a background with the Hex color F04F42.

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
F14D51

Trichromacy



Original Color
F04F42

Protanomaly
B5734E

Deuteranomaly
C36F3C

Tritanomaly
F14E4C

Monochromacy



Original Color
F04F42

Achromatopsia
7E7E7E

Achromatomaly
A76D68

CSS Examples

Text

The CSS property to change the color of the text to Hex F04F42 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 #F04F42 looks like.

```
.text, #text, p{  
    color:#F04F42  
}
```

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 #F04F42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F04F42
}
```

Border

The CSS property to change the border of an element to Hex F04F42 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
#F04F42 }
```

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

```
.border{ border-color:#F04F42 }
```

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

Here you see how a box with a 4 pixel #F04F42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F04F42; -webkit-box-shadow:4px 4px  
4px 4px #F04F42; box-shadow:4px 4px 4px  
4px #F04F42 }
```

Background

The CSS property to change the background color of an element to Hex F04F42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F04F42 }
```

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

```
.background{ background-color:#F04F42 }
```

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