

Converting Colors

Hex(F03434)

Have a look what the booklet for
Hex(F03434) contains.

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Color

Hex(F03434)

Conversions

Conversions Part 1

Format	Color
Hex	F03434
RGB	240, 52, 52
RGB Percent	94%, 20%, 20%
CMY	0.0588, 0.7961, 0.7961
CMYK	0.00, 0.78, 0.78, 0.06
HSL	0°, 86%, 57%
HSV	0°, 78%, 94%
XYZ	37.7830, 21.2292, 5.3551
YIQ	108.2120, 112.0480, 39.8560

Conversions

Conversions Part 2

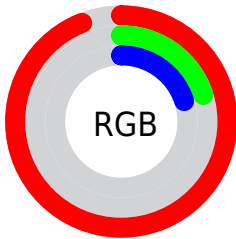
Format	Color
R_{YB}	240, 52, 52
Decimal	15742004
CIE _{Lab}	53.20, 69.37, 46.03
CIE _{LCh}	53, 83.251, 33.569
Yxy	21.2292, 0.5870, 0.3298
Android (android.graphics.Color)	4293932084 (0xFFFF03434)
YUV	108.2120, -27.7125, 115.5781
Hunter-Lab	46.0751, 65.7439, 25.3616

Details

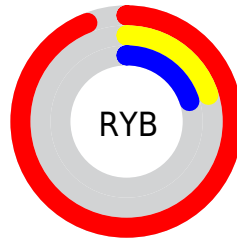
The Hex color **F03434** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **34F0F0**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **FF7364**, and **AF0007** is the 20% darker color. If you saturate the color by 10%, you get **F01C1C**, and if you desaturate by 10%, it is **F04C4C**.

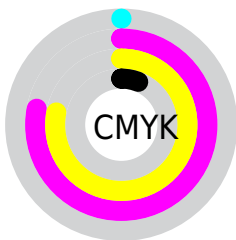
Distribution



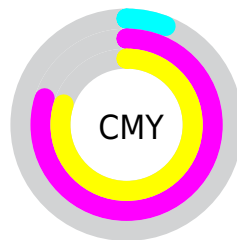
- Red (94%)
- Green (20%)
- Blue (20%)



- Red (94%)
- Yellow (20%)
- Blue (20%)



- Cyan (0%)
- Magenta (78%)
- Yellow (78%)
- Black (6%)



- Cyan (6%)
- Magenta (80%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color F03434 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 F03434 by changing the saturation by 10% instead.

 F03434

 F03434

FFFFFF

 CF001E

 FF7364

 AF0007

 FF907D

 8F0000

 FFAE97

 6F0000

 FFCBB2

 510003

 FFE9CE

 320002

 FFFFEA

 000000

 F03434

 F03434

 F01C1C

 F04C4C

 F00404

 F06464

 F00000

 F07C7C

 F09494

 F0ACAC

 F0C4C4

 F0DCDC

 F0F4F4

 F0FFFF

Harmonies

Analogous

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



F8007A



F03434



CB6200

Triad

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



F03434



009939



0086FF

Complementary

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



F03434



34F0F0

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.



0097FF



F03434



009D86

Square

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



F03434



469000



009DCD



8267F8

Rectangle

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



F03434



A77700



009DCD



008DFF

Sweetspot

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



F03434



FFC2C2



F034F0



805B5B



000000



808080

Same Dimension

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



F03434



FF0F0F



F09234



786C6C



B80000



380000

Inverse Universe

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



34F0F0



0FFFFFF



3492F0



6C7878



00B8B8



003838

Previews

White Background



This preview shows how the Hex color F03434 looks on a white background.

Color Contrast Check

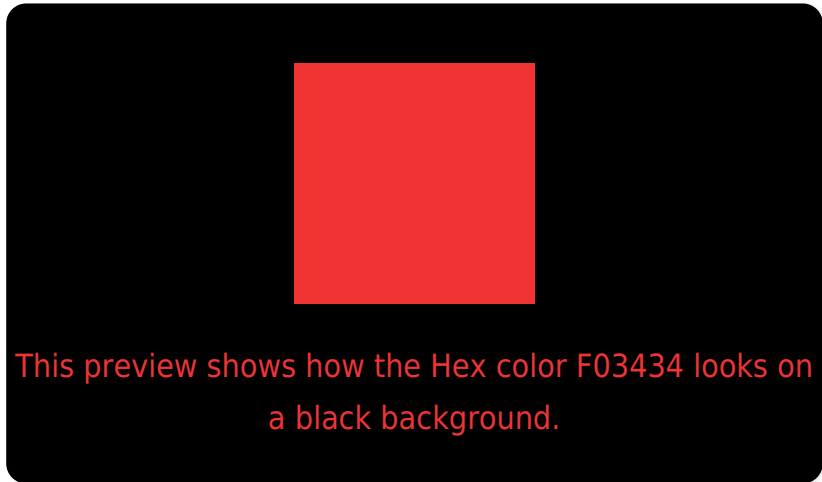
Large Text (above 18pt) WCAG AA ✓ Pass

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 F03434 Background



This preview shows how black text looks on a background with the Hex color F03434.



This preview shows how white text looks on a background with the Hex color F03434.

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
F03434

Protanopia
8C804A

Deuteranopia
A07925



Tritanopia
F03435

Trichromacy



Original Color
F03434

Protanomaly
B06442

Deuteranomaly
BD602A

Tritanomaly
F03435

Monochromacy



Original Color
F03434

Achromatopsia
6C6C6C

Achromatomaly
9C5858

CSS Examples

Text

The CSS property to change the color of the text to Hex F03434 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 #F03434 looks like.

```
.text, #text, p{  
    color:#F03434  
}
```

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 #F03434 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F03434
}
```

Border

The CSS property to change the border of an element to Hex F03434 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
#F03434 }
```

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

```
.border{ border-color:#F03434 }
```

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

Here you see how a box with a 4 pixel #F03434 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F03434; -webkit-box-shadow:4px 4px  
4px 4px #F03434; box-shadow:4px 4px 4px  
4px #F03434 }
```

Background

The CSS property to change the background color of an element to Hex F03434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F03434 }
```

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

```
.background{ background-color:#F03434 }
```

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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