

# Converting Colors

Hex(F44340)

Have a look what the booklet for  
Hex(F44340) contains.

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**Color**

**Hex(F44340)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F44340
RGB	244, 67, 64
RGB Percent	96%, 26%, 25%
CMY	0.0431, 0.7373, 0.7490
CMYK	0.00, 0.73, 0.74, 0.04
HSL	1°, 89%, 60%
HSV	1°, 74%, 96%
XYZ	40.2408, 23.6176, 7.2882
YIQ	119.5810, 106.4550, 36.5910

# Conversions

## Conversions Part 2

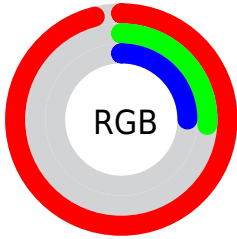
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	244, 67, 64
Decimal	16008000
CIE <sub>Lab</sub>	55.70, 66.38, 42.42
CIE <sub>LCh</sub>	56, 78.778, 32.581
Yxy	23.6176, 0.5656, 0.3320
Android (android.graphics.Color)	4294198080 (0xFFFF44340)
YUV	119.5810, -27.4014, 109.1155
Hunter-Lab	48.5979, 62.7580, 25.1268

# Details

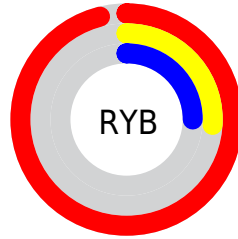
The Hex color **F44340** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **40F1F4**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF7F71**, and **B30014** is the 20% darker color. If you saturate the color by 10%, you get **F42B28**, and if you desaturate by 10%, it is **F45B58**.

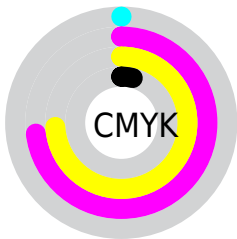
# Distribution



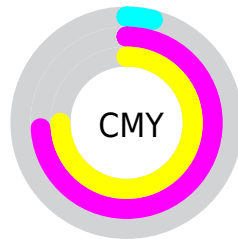
- Red (96%)
- Green (26%)
- Blue (25%)



- Red (96%)
- Yellow (26%)
- Blue (25%)



- Cyan (0%)
- Magenta (73%)
- Yellow (74%)
- Black (4%)



- Cyan (4%)
- Magenta (74%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F44340 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 F44340 by changing the saturation by 10% instead.



 F44340

 F44340

FFFFFF

 D41F29

 FF7F71

 B30014

 FF9B8A

 940000

 FFB9A5

 740000

 FFD6C0

 550001

 FFF4DC

 380002

 FFFFF9

 0C0000

 000000

 F44340

 F44340

 F42B28

 F45B58

 F4130F

 F47371

 F40400

 F48B89

 F4A3A2

 F4BBBA

 F4D3D2

 F4EBEB

 F4FFFF

# Harmonies

## Analogous

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



FA2A83



F44340



D26900

# Triad

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



F44340



009F41



008DFF

# Complementary

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



F44340



40F1F4

# 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.



009CFF



F44340



00A38A

# Square

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



F44340



559600



00A2CE



8770FA

# Rectangle

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



F44340



B07D00



00A2CE



0093FF



# Sweetspot

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



F44340



FFC8C7



F440F1



805F5E



000000



808080



# Same Dimension

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



F44340



FF201C



F49D40



7A6E6E



BA0300



3B0100



# Inverse Universe

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



40F1F4



1CFBFF



4097F4



6E7A7A



00B7BA



003A3B



# Previews

## White Background



This preview shows how the Hex color F44340 looks on a white background.

## Color Contrast Check

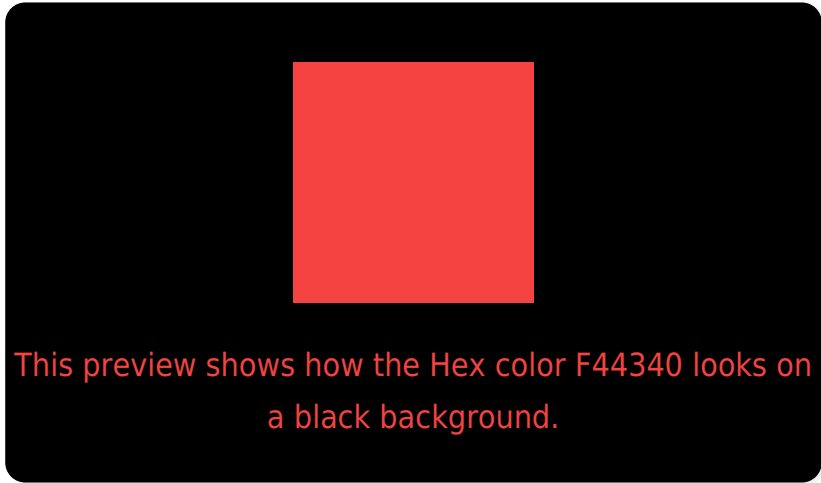
Large Text (above 18pt) WCAG AA ✓ Pass

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 F44340 Background



This preview shows how black text looks on a background with the Hex color F44340.



This preview shows how white text looks on a background with the Hex color F44340.

# 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**  
F44340

**Protanopia**  
928656

**Deuteranopia**  
A77F35



**Tritanopia**  
F44245

# Trichromacy



**Original Color**  
F44340

**Protanomaly**  
B66E4E

**Deuteranomaly**  
C36939

**Tritanomaly**  
F44243

# Monochromacy



**Original Color**  
F44340

**Achromatopsia**  
787878

**Achromatomaly**  
A56564

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F44340 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 #F44340 looks like.

```
.text, #text, p{  
    color:#F44340  
}
```

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 #F44340 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F44340
}
```

## Border

The CSS property to change the border of an element to Hex F44340 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
#F44340 }
```

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

```
.border{ border-color:#F44340 }
```

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

Here you see how a box with a 4 pixel #F44340 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F44340; -webkit-box-shadow:4px 4px  
4px 4px #F44340; box-shadow:4px 4px 4px  
4px #F44340 }
```

# Background

The CSS property to change the background color of an element to Hex F44340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F44340 }
```

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

```
.background{ background-color:#F44340 }
```

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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