

Converting Colors

Hex(FF4440)

Have a look what the booklet for
Hex(FF4440) contains.

Hex(FF4440)	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(F4440)

Conversions

Conversions Part 1

Format	Color
Hex	FF4440
RGB	255, 68, 64
RGB Percent	100%, 27%, 25%
CMY	0.0000, 0.7333, 0.7490
CMYK	0.00, 0.73, 0.75, 0.00
HSL	1°, 100%, 63%
HSV	1°, 75%, 100%
XYZ	44.2325, 25.7644, 7.4922
YIQ	123.4570, 112.7360, 38.4000

Conversions

Conversions Part 2

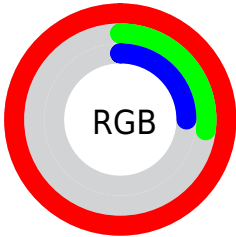
Format	Color
RYB	255, 68, 64
Decimal	16729152
CIELab	57.81, 69.31, 45.31
CIELCh	58, 82.806, 33.172
Yxy	25.7644, 0.5708, 0.3325
Android (android.graphics.Color)	4294919232 (0xFFFF4440)
YUV	123.4570, -29.3123, 115.3632
Hunter-Lab	50.7587, 66.7223, 26.7796

Details

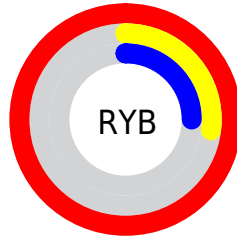
The Hex color **FF4440** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **40FBFF**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF8171**, and **BE0013** is the 20% darker color. If you saturate the color by 10%, you get **FF2B26**, and if you desaturate by 10%, it is **FF5D5A**.

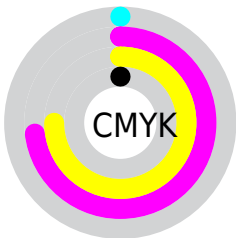
Distribution



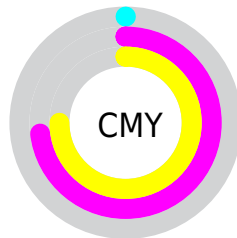
- Red (100%)
- Green (27%)
- Blue (25%)



- Red (100%)
- Yellow (27%)
- Blue (25%)



- Cyan (0%)
- Magenta (73%)
- Yellow (75%)
- Black (0%)



- Cyan (0%)
- Magenta (73%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF4440 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 FF4440 by changing the saturation by 10% instead.

 FF4440

 FF4440

FFFFFF

 DE1E29

 FF8171

 BE0013

 FF9E8A

 9E0000

 FFBBA5

 7E0000

 FFD9C0

 5E0001

 FFF7DC

 410003

 FFFFF9

 1E0001

 000000

 FF4440

 FF4440

■ FF2B26

■ FF5D5A

■ FF120D

■ FF7673

■ FF0500

■ FF8F8D

■ FFA8A6

■ FFC1C0

■ FFDAD9

■ FFF3F3

FFFFFF

Harmonies

Analogous

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



FF2687



FF4440



DA6D00

Triad

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



FF4440



00A644



0092FF

Complementary

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



FF4440



40FBFF

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.



00A3FF



FF4440



00AA91

Square

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



FF4440



559C00



00A9D9



8E73FF

Rectangle

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



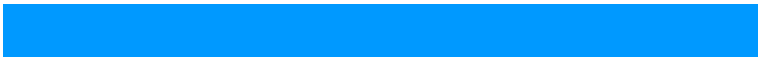
FF4440



B68200



00A9D9



0099FF

Sweetspot

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



FF4440



FFC8C7



FF40FC



805F5E



000000



808080

Same Dimension

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



FF4440



FF1E19



FFA340



807373



BF0400



400100

Inverse Universe

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



40FBFF



19FAFF



409CFF



737F80



00BBBF



003E40

Previews

White Background



This preview shows how the Hex color FF4440 looks on a white background.

Color Contrast Check

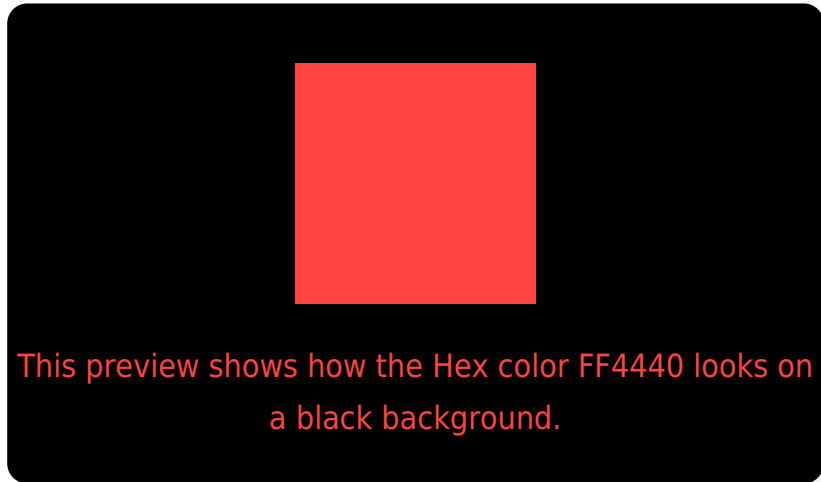
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF4440 Background



This preview shows how black text looks on a background with the Hex color FF4440.



This preview shows how white text looks on a background with the Hex color FF4440.

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
FF4440

Protanopia
988B57

Deuteranopia
AE8433



Tritanopia
FF4346

Trichromacy



Original Color
FF4440

Protanomaly
BD714F

Deuteranomaly
CB6D38

Tritanomaly
FF4344

Monochromacy



Original Color
FF4440

Achromatopsia
7B7B7B

Achromatomaly
AB6766

CSS Examples

Text

The CSS property to change the color of the text to Hex FF4440 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 #FF4440 looks like.

```
.text, #text, p{  
    color:#FF4440  
}
```

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 #FF4440 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF4440
}
```

Border

The CSS property to change the border of an element to Hex FF4440 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".

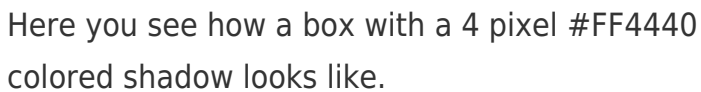
```
.border, #border, table{ border:4px solid
#FF4440 }
```

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

```
.border{ border-color:#FF4440 }
```

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

Here you see how a box with a 4 pixel #FF4440 colored shadow looks like.

A rectangular box with a red border and a red shadow. The box is white with a red border and a red shadow. The shadow is a 4px red shadow.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF4440; -webkit-box-shadow:4px 4px  
4px 4px #FF4440; box-shadow:4px 4px 4px  
4px #FF4440 }
```

Background

The CSS property to change the background color of an element to Hex FF4440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF4440 }
```

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

```
.background{ background-color:#FF4440 }
```

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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