

Converting Colors

Hex(FF4634)

Have a look what the booklet for
Hex(FF4634) contains.

Hex(FF4634)	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(F4634)

Conversions

Conversions Part 1

Format	Color
Hex	FF4634
RGB	255, 70, 52
RGB Percent	100%, 27%, 20%
CMY	0.0000, 0.7255, 0.7961
CMYK	0.00, 0.73, 0.80, 0.00
HSL	5°, 100%, 60%
HSV	5°, 80%, 100%
XYZ	44.0500, 25.8883, 5.9241
YIQ	123.2630, 116.0380, 33.6220

Conversions

Conversions Part 2

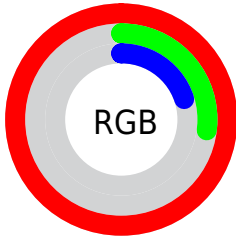
Format	Color
R_{YB}	255, 72, 52
Decimal	16729652
CIE _{Lab}	57.93, 68.27, 51.68
CIE _{LCh}	58, 85.625, 37.127
Yxy	25.8883, 0.5807, 0.3413
Android (android.graphics.Color)	4294919732 (0xFFFF4634)
YUV	123.2630, -35.1327, 115.5333
Hunter-Lab	50.8805, 65.4962, 28.7132

Details

The Hex color **FF4634** 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 **34EDFF**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF8265**, and **BD0004** is the 20% darker color. If you saturate the color by 10%, you get **FF2F1A**, and if you desaturate by 10%, it is **FF5D4E**.

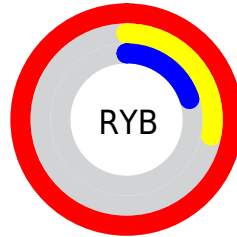
Distribution



Red (100%)

Green (27%)

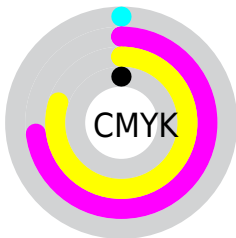
Blue (20%)



Red (100%)

Yellow (28%)

Blue (20%)

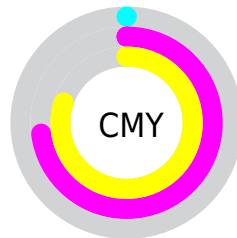


Cyan (0%)

Magenta (73%)

Yellow (80%)

Black (0%)



Cyan (0%)

Magenta (73%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF4634 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 FF4634 by changing the saturation by 10% instead.

 FF4634

 FF4634

FFFFFF

 DE221C

 FF8265

 BD0004

 FF9F7E

 9D0000

 FFBC99

 7D0000

 FFDAB4

 5D0001

 FFF8D0

 400003

 FFFFEC

 1E0001

 000000

 FF4634

 FF4634

■ FF2F1A

■ FF5D4E

■ FF1801

■ FF7467

■ FF1700

■ FF8C81

■ FFA39A

■ FFBAB3

■ FFD1CD

■ FFE9E7

FFFFFF

Harmonies

Analogous

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



FF1A7D



FF4634



D57100

Triad

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



FF4634



00A74C



008FFF

Complementary

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



FF4634



34EDFF

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



FF4634



00AB9C

Square

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



FF4634



439F00



00AAE5



9F6DFF

Rectangle

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



FF4634



AF8600



00AAE5



0097FF

Sweetspot

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



FF4634



FFC7C2



FF34EE



805E5B



000000



808080

Same Dimension

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



FF4634



FF200A



FFAA34



807473



BF1100



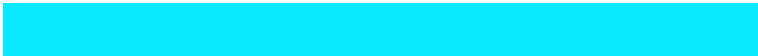
400600

Inverse Universe

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



34EDFF



0AE9FF



3489FF



737E80



00AEBF



003A40

Previews

White Background



This preview shows how the Hex color FF4634 looks on a white background.

Color Contrast Check

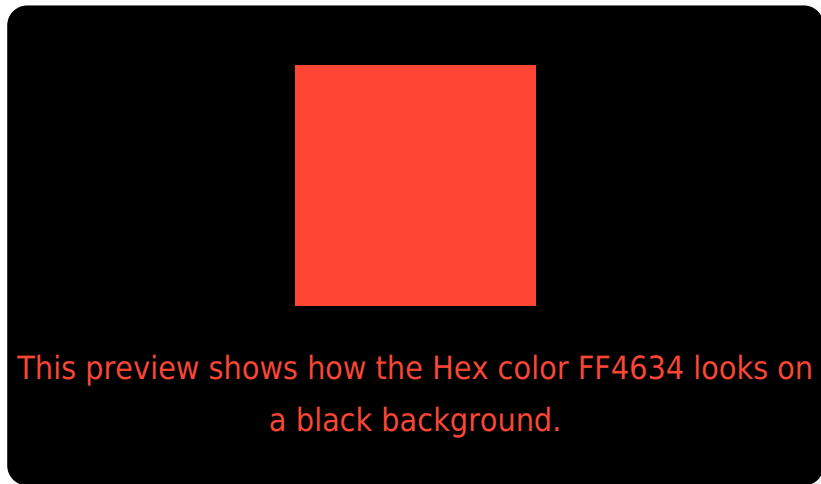
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF4634 Background



This preview shows how black text looks on a background with the Hex color FF4634.



This preview shows how white text looks on a background with the Hex color FF4634.

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
FF4634

Protanopia
9A8C48

Deuteranopia
AF8424



Tritanopia
FF4447

Trichromacy



Original Color
FF4634

Protanomaly
BF7341

Deuteranomaly
CC6D2A

Tritanomaly
FF4540

Monochromacy



Original Color
FF4634

Achromatopsia
7B7B7B

Achromatomaly
AB6861

CSS Examples

Text

The CSS property to change the color of the text to Hex FF4634 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 #FF4634 looks like.

```
.text, #text, p{  
    color:#FF4634  
}
```

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 #FF4634 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF4634
}
```

Border

The CSS property to change the border of an element to Hex FF4634 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".

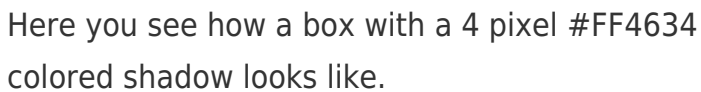
```
.border, #border, table{ border:4px solid
#FF4634 }
```

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

```
.border{ border-color:#FF4634 }
```

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

Here you see how a box with a 4 pixel #FF4634 colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and describes the visual result of the CSS code.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF4634; -webkit-box-shadow:4px 4px  
4px 4px #FF4634; box-shadow:4px 4px 4px  
4px #FF4634 }
```

Background

The CSS property to change the background color of an element to Hex FF4634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF4634 }
```

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

```
.background{ background-color:#FF4634 }
```

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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