

# Converting Colors

Hex(FE4C42)

Have a look what the booklet for  
Hex(FE4C42) contains.

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**Color**

**Hex(FE4C42)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FE4C42
RGB	254, 76, 66
RGB Percent	100%, 30%, 26%
CMY	0.0039, 0.7020, 0.7412
CMYK	0.00, 0.70, 0.74, 0.00
HSL	3°, 99%, 63%
HSV	3°, 74%, 100%
XYZ	44.4409, 26.6331, 7.9527
YIQ	128.0820, 109.2980, 34.6260

# Conversions

## Conversions Part 2

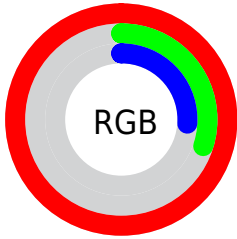
<b>Format</b>	<b>Color</b>
<b>RYB</b>	254, 77, 66
Decimal	16665666
CIELab	58.63, 66.38, 45.08
CIELCh	59, 80.240, 34.178
Yxy	26.6331, 0.5624, 0.3370
Android (android.graphics.Color)	4294855746 (0xFFFE4C42)
YUV	128.0820, -30.6064, 110.4301
Hunter-Lab	51.6072, 63.4002, 26.9885

# Details

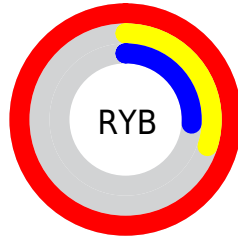
The Hex color **FE4C42** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **42F4FE**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF8773**, and **BD0015** is the 20% darker color. If you saturate the color by 10%, you get **FE3429**, and if you desaturate by 10%, it is **FE645B**.

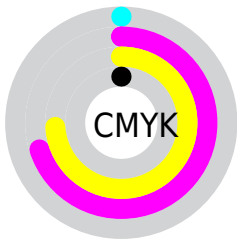
# Distribution



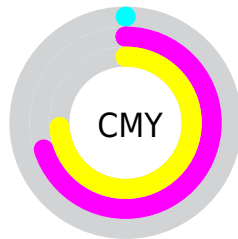
- Red (100%)
- Green (30%)
- Blue (26%)



- Red (100%)
- Yellow (30%)
- Blue (26%)



- Cyan (0%)
- Magenta (70%)
- Yellow (74%)
- Black (0%)



- Cyan (0%)
- Magenta (70%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FE4C42 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 FE4C42 by changing the saturation by 10% instead.



 FE4C42

 FE4C42

FFFFFF

 DD2B2B

 FF8773

 BD0015

 FFA48D

 9D0000

 FFC1A7

 7D0000

 FFDEC3

 5E0001

 FFFCDF

 410003

FFFFFFC

 1F0001

 000000

 FE4C42

 FE4C42

 FE3429

 FE645B

 FE1C0F

 FE7C75

 FE0E00

 FE948E

 FEACA8

 FEC4C1

 FEDCDA

 FEF4F4

FEFFFF

# Harmonies

## Analogous

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



FF3286



FE4C42



D97100

# Triad

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



FE4C42



00A84B



0093FF

# Complementary

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



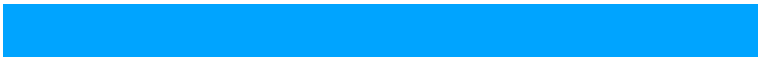
FE4C42



42F4FE

# 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.



00A4FF



FE4C42



00AB95

# Square

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



FE4C42



579F00



00ABDB



9575FF

# Rectangle

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



FE4C42



B68500



00ABDB



009AFF



# Sweetspot

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



FE4C42



FFCAC7



FE42F5



80605E



000000



808080



# Same Dimension

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



FE4C42



FF281C



FEA942



807373



BF0A00



400300



# Inverse Universe

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



42F4FE



1CF3FF



4297FE



737F80



00B5BF



003C40



# Previews

## White Background



This preview shows how the Hex color FE4C42 looks on a white background.

## Color Contrast Check

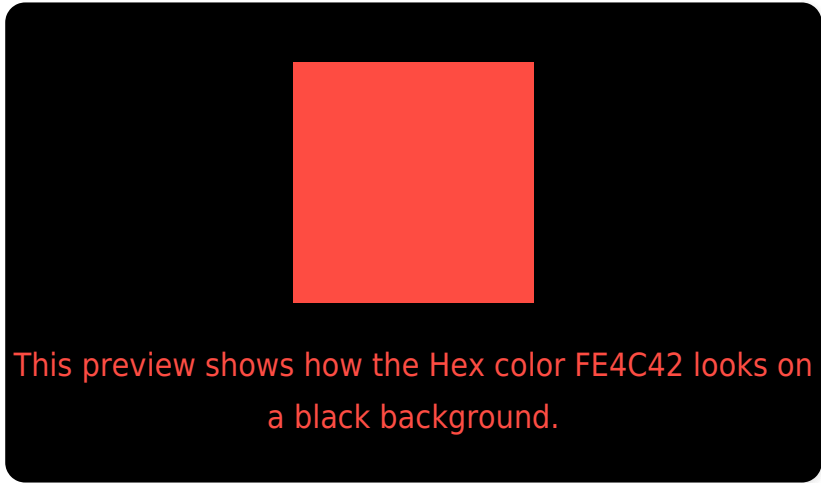
Large Text (above 18pt) WCAG AA ✓ Pass

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 FE4C42 Background



This preview shows how black text looks on a background with the Hex color FE4C42.



This preview shows how white text looks on a background with the Hex color FE4C42.

# 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**  
FE4C42

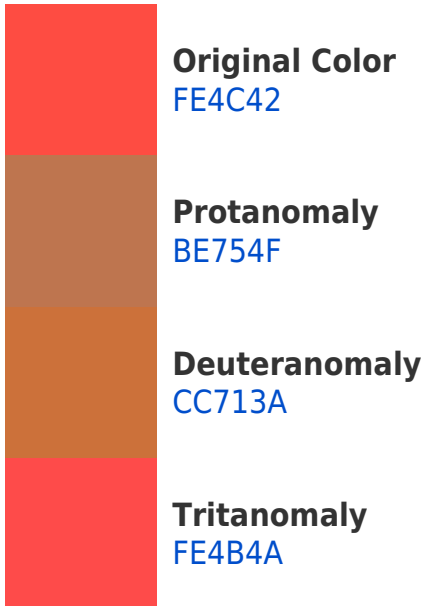
**Protanopia**  
9A8D57

**Deuteranopia**  
B08636

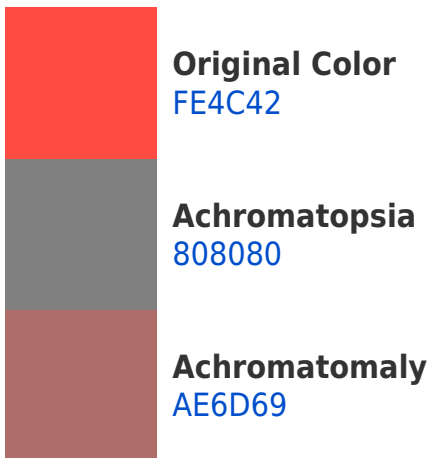


**Tritanopia**  
FE4A4E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FE4C42 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 #FE4C42 looks like.

```
.text, #text, p{  
    color:#FE4C42  
}
```

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 #FE4C42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FE4C42
}
```

## Border

The CSS property to change the border of an element to Hex FE4C42 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
#FE4C42 }
```

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

```
.border{ border-color:#FE4C42 }
```

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

Here you see how a box with a 4 pixel #FE4C42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FE4C42; -webkit-box-shadow:4px 4px  
4px 4px #FE4C42; box-shadow:4px 4px 4px  
4px #FE4C42 }
```

# Background

The CSS property to change the background color of an element to Hex FE4C42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FE4C42 }
```

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

```
.background{ background-color:#FE4C42 }
```

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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