

# Converting Colors

Hex(FE4148)

Have a look what the booklet for  
Hex(FE4148) contains.

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**Color**

**Hex(FE4148)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FE4148
RGB	254, 65, 72
RGB Percent	100%, 25%, 28%
CMY	0.0039, 0.7451, 0.7176
CMYK	0.00, 0.74, 0.72, 0.00
HSL	358°, 99%, 63%
HSV	358°, 74%, 100%
XYZ	43.9330, 25.3193, 8.7025
YIQ	122.3090, 110.3970, 42.2450

# Conversions

## Conversions Part 2

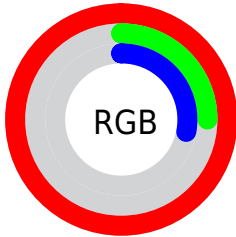
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	254, 65, 72
Decimal	16662856
CIE Lab	57.39, 70.28, 40.38
CIE LCh	57, 81.050, 29.878
Yxy	25.3193, 0.5636, 0.3248
Android (android.graphics.Color)	4294852936 (0xFFFE4148)
YUV	122.3090, -24.8023, 115.4930
Hunter-Lab	50.3183, 67.7919, 24.9687

# Details

The Hex color **FE4148** 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 **41FEF7**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF7E79**, and **BD001C** is the 20% darker color. If you saturate the color by 10%, you get **FE2830**, and if you desaturate by 10%, it is **FE5A60**.

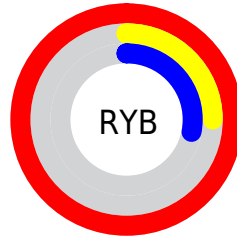
# Distribution



Red (100%)

Green (25%)

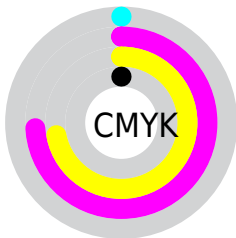
Blue (28%)



Red (100%)

Yellow (25%)

Blue (28%)

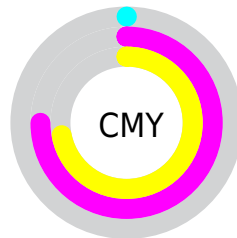


Cyan (0%)

Magenta (74%)

Yellow (72%)

Black (0%)



Cyan (0%)

Magenta (75%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FE4148 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 FE4148 by changing the saturation by 10% instead.



 FE4148

 FE4148

FFFFFF

 DD1831

 FF7E79

 BD001C

 FF9C93

 9D0005

 FFB9AD

 7D0000

 FFD7C9

 5E0001

 FFF5E5

 400003

 1D0001

 000000

 FE4148

 FE4148

■ FE2830

■ FE5A60

■ FE0E17

■ FE7479

■ FE0009

■ FE8D91

■ FEA7AA

■ FEC0C2

■ FED9DB

■ FEF3F3

FEFFFF

# Harmonies

## Analogous

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



FF2B8D



FE4148



DD6900

# Triad

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



FE4148



00A33C



0093FF

# Complementary

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



FE4148



41FEF7

# 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.



00A2FF



FE4148



00A887

# Square

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



FE4148



609A00



00A8CF



7F77FF

# Rectangle

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



FE4148



BA7E00



00A8CF



009AFF



# Sweetspot

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



FE4148



FFC7C9



F541FE



805E60



000000



808080



# Same Dimension

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



FE4148



FF1C24



FE9641



807373



BF0007



400002



# Inverse Universe

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



FE4148



FF1C24



41A9FE



807373



BF0007



400002



# Previews

## White Background



This preview shows how the Hex color FE4148 looks on a white background.

## Color Contrast Check

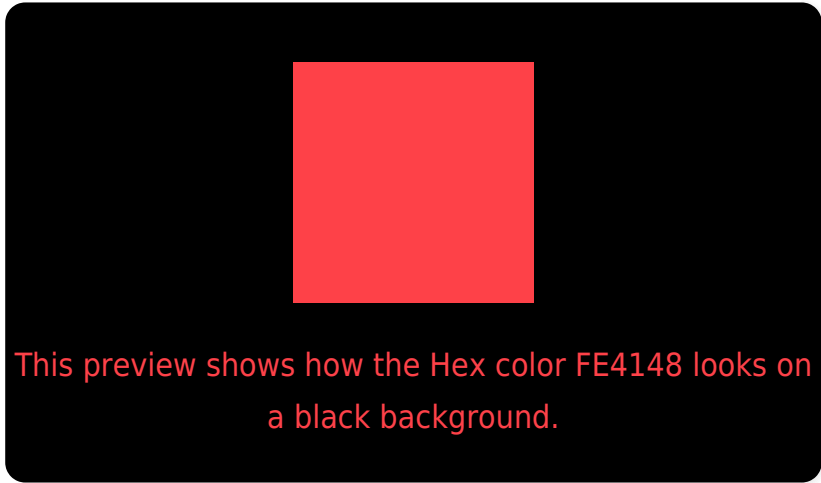
Large Text (above 18pt) WCAG AA ✓ Pass

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 FE4148 Background



This preview shows how black text looks on a background with the Hex color FE4148.

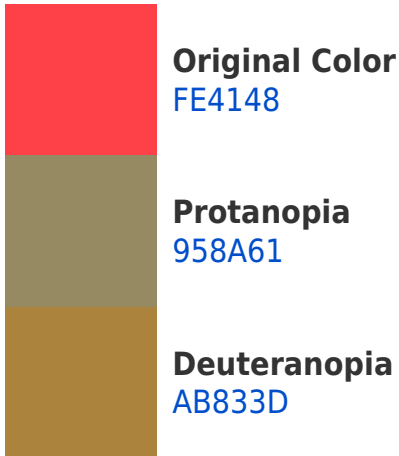


This preview shows how white text looks on a background with the Hex color FE4148.

# 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





# Trichromacy



**Original Color**  
FE4148

**Protanomaly**  
BB6F58

**Deuteranomaly**  
C96B41

**Tritanomaly**  
FE4245

# Monochromacy



**Original Color**  
FE4148

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
AA6568

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FE4148 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 #FE4148 looks like.

```
.text, #text, p{  
    color:#FE4148  
}
```

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 #FE4148 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FE4148
}
```

## Border

The CSS property to change the border of an element to Hex FE4148 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
#FE4148 }
```

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

```
.border{ border-color:#FE4148 }
```

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

Here you see how a box with a 4 pixel #FE4148 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FE4148; -webkit-box-shadow:4px 4px  
4px 4px #FE4148; box-shadow:4px 4px 4px  
4px #FE4148 }
```

# Background

The CSS property to change the background color of an element to Hex FE4148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FE4148 }
```

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

```
.background{ background-color:#FE4148 }
```

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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