

# Converting Colors

Hex(FD4A4A)

Have a look what the booklet for  
Hex(FD4A4A) contains.

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# Color

**Hex(FD4A4A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FD4A4A
RGB	253, 74, 74
RGB Percent	99%, 29%, 29%
CMY	0.0078, 0.7098, 0.7098
CMYK	0.00, 0.71, 0.71, 0.01
HSL	0°, 98%, 64%
HSV	0°, 71%, 99%
XYZ	44.1928, 26.2746, 9.2209
YIQ	127.5210, 106.6840, 37.9480

# Conversions

## Conversions Part 2

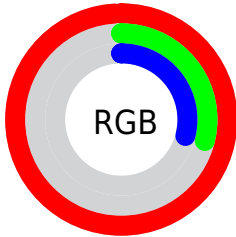
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	253, 74, 74
Decimal	16599626
CIE <sub>Lab</sub>	58.30, 67.11, 40.27
CIE <sub>LCh</sub>	58, 78.264, 30.967
Yxy	26.2746, 0.5546, 0.3297
Android (android.graphics.Color)	4294789706 (0xFFFD4A4A)
YUV	127.5210, -26.3859, 110.0451
Hunter-Lab	51.2588, 64.1912, 25.2156

# Details

The Hex color **FD4A4A** 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 **4AFDFD**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF857B**, and **BC001D** is the 20% darker color. If you saturate the color by 10%, you get **FD3131**, and if you desaturate by 10%, it is **FD6363**.

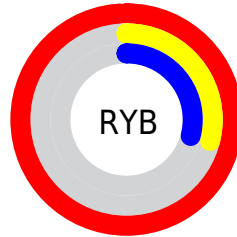
# Distribution



Red (99%)

Green (29%)

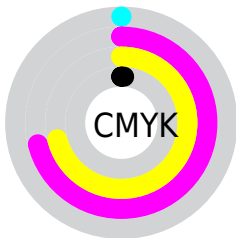
Blue (29%)



Red (99%)

Yellow (29%)

Blue (29%)

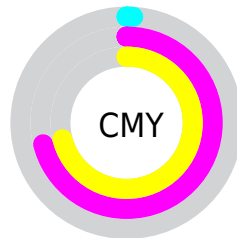


Cyan (0%)

Magenta (71%)

Yellow (71%)

Black (1%)



Cyan (1%)

Magenta (71%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FD4A4A 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 FD4A4A by changing the saturation by 10% instead.



 FD4A4A

 FD4A4A

FFFFFF

 DD2833

 FF857B

 BC001D

 FFA295

 9D0007

 FFBF0

 7D0000

 FFDDCB

 5E0001

 FFFBE8

 410003

 1E0001

 000000

 FD4A4A

 FD4A4A

■ FD3131

■ FD6363

■ FD1717

■ FD7D7D

■ FD0000

■ FD9696

■ FDAFAF

■ FDC9C9

■ FDE2E2

■ FDFBFB

■ FDFFFF

# Harmonies

## Analogous

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



FF378D



FD4A4A



DC6E00

# Triad

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



FD4A4A



00A644



0094FF

# Complementary

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



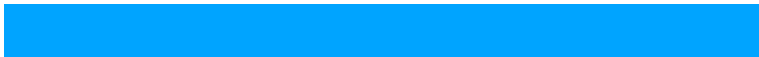
FD4A4A



4AFDFD

# 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



FD4A4A



00AA8C

# Square

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



FD4A4A



629C00



00AAD1



8879FF

# Rectangle

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



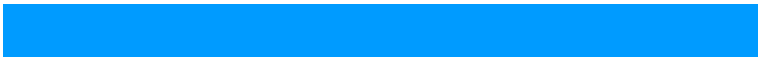
FD4A4A



BA8200



00AAD1



009BFF



# Sweetspot

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



FD4A4A



FFC9C9



FD4AFD



806060



000000



808080



# Same Dimension

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



FD4A4A



FF2626



FDA44A



807373



BF0000



400000



# Inverse Universe

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



4AFDFD



26FFFF



4AA4FD



738080



00BFBF



004040



# Previews

## White Background



This preview shows how the Hex color FD4A4A looks on a white background.

## Color Contrast Check

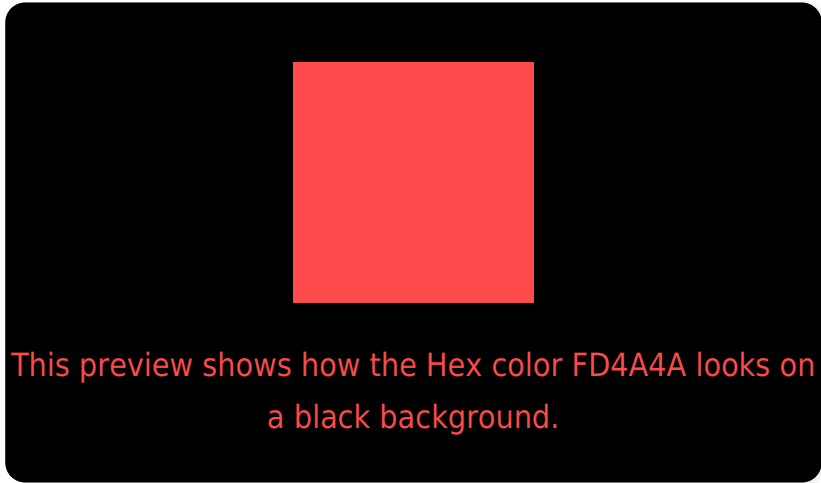
Large Text (above 18pt) WCAG AA ✓ Pass

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 FD4A4A Background



This preview shows how black text looks on a background with the Hex color FD4A4A.



This preview shows how white text looks on a background with the Hex color FD4A4A.

# 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**  
FD4A4A

**Protanopia**  
988C61

**Deuteranopia**  
AE863F



**Tritanopia**  
FD4A4D

# Trichromacy



**Original Color**  
FD4A4A

**Protanomaly**  
BD7459

**Deuteranomaly**  
CB7043

**Tritanomaly**  
FD4A4C

# Monochromacy



**Original Color**  
FD4A4A

**Achromatopsia**  
808080

**Achromatomaly**  
AD6C6C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FD4A4A 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 #FD4A4A looks like.

```
.text, #text, p{  
    color:#FD4A4A  
}
```

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 #FD4A4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD4A4A
}
```

## Border

The CSS property to change the border of an element to Hex FD4A4A 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
#FD4A4A }
```

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

```
.border{ border-color:#FD4A4A }
```

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

Here you see how a box with a 4 pixel #FD4A4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD4A4A; -webkit-box-shadow:4px 4px  
4px 4px #FD4A4A; box-shadow:4px 4px 4px  
4px #FD4A4A }
```

# Background

The CSS property to change the background color of an element to Hex FD4A4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD4A4A }
```

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

```
.background{ background-color:#FD4A4A }
```

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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