

# Converting Colors

Hex(FF3A3A)

Have a look what the booklet for  
Hex(FF3A3A) contains.

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**Color**

**Hex(F3A3A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF3A3A
RGB	255, 58, 58
RGB Percent	100%, 23%, 23%
CMY	0.0000, 0.7725, 0.7725
CMYK	0.00, 0.77, 0.77, 0.00
HSL	0°, 100%, 61%
HSV	0°, 77%, 100%
XYZ	43.5168, 24.5916, 6.4561
YIQ	116.9030, 117.4120, 41.7640

# Conversions

## Conversions Part 2

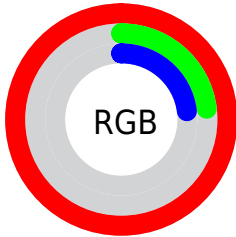
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 58, 58
Decimal	16726586
CIE <sub>Lab</sub>	56.68, 72.11, 47.31
CIE <sub>LCh</sub>	57, 86.249, 33.269
Yxy	24.5916, 0.5836, 0.3298
Android (android.graphics.Color)	4294916666 (0xFFFF3A3A)
YUV	116.9030, -29.0392, 121.1111
Hunter-Lab	49.5899, 69.8572, 26.9940

# Details

The Hex color **FF3A3A** 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 **3AFFFF**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF796A**, and **BD000D** is the 20% darker color. If you saturate the color by 10%, you get **FF2020**, and if you desaturate by 10%, it is **FF5353**.

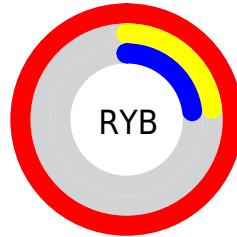
# Distribution



Red (100%)

Green (23%)

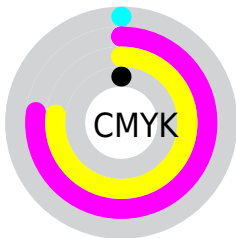
Blue (23%)



Red (100%)

Yellow (23%)

Blue (23%)

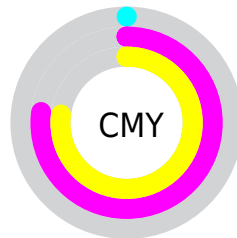


Cyan (0%)

Magenta (77%)

Yellow (77%)

Black (0%)



Cyan (0%)

Magenta (77%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF3A3A 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 FF3A3A by changing the saturation by 10% instead.



 FF3A3A

 FF3A3A

FFFFFF

 DE0623

 FF796A

 BD000D

 FF9784

 9D0000

 FFB49E

 7D0000

 FFD2B9

 5D0002

 FFF0D5

 3F0003

 FFFFF2

 1C0001

 000000

 FF3A3A

 FF3A3A

 FF2020

 FF5353

 FF0707

 FF6D6D

 FF0000

 FF8686

 FFA0A0

 FFB9B9

 FFD3D3

 FFECEC

FFFFFF

# Harmonies

## Analogous

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



FF0683



FF3A3A



D86900

# Triad

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



FF3A3A



00A33E



0090FF

# Complementary

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



FF3A3A



3AFFFF

# 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.



00A1FF



FF3A3A



00A78E

# Square

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



FF3A3A



4E9A00



00A7D9



8A6FFF

# Rectangle

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



FF3A3A



B37F00



00A7D9



0097FF



# Sweetspot

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



FF3A3A



FFC4C4



FF3AFF



805C5C



000000



808080



# Same Dimension

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



FF3A3A



FF1212



FF9C3A



807373



BF0000



400000



# Inverse Universe

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



3AFFFF



12FFFF



3A9CFF



738080



00BFBF



004040



# Previews

## White Background



This preview shows how the Hex color FF3A3A looks on a white background.

## Color Contrast Check

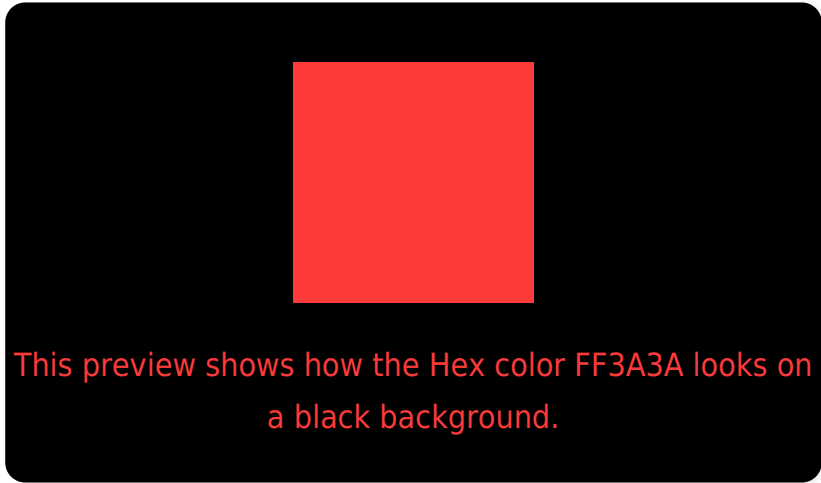
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF3A3A Background



This preview shows how black text looks on a background with the Hex color FF3A3A.



This preview shows how white text looks on a background with the Hex color FF3A3A.

# 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**  
FF3A3A

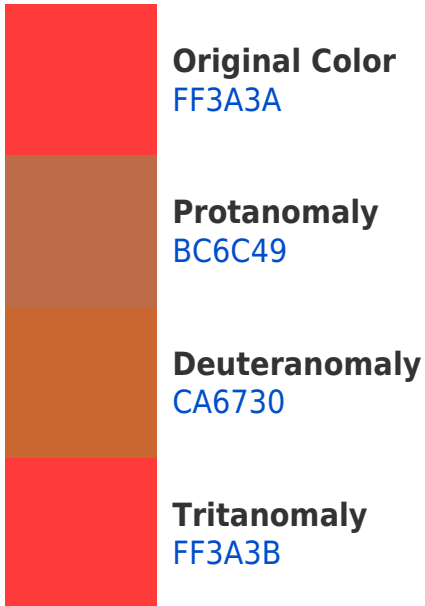
**Protanopia**  
958851

**Deuteranopia**  
AB812B

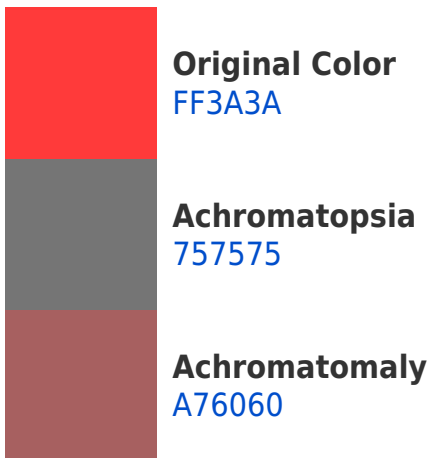


**Tritanopia**  
FF3A3B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF3A3A 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 #FF3A3A looks like.

```
.text, #text, p{  
    color:#FF3A3A  
}
```

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 #FF3A3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF3A3A
}
```

## Border

The CSS property to change the border of an element to Hex FF3A3A 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
#FF3A3A }
```

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

```
.border{ border-color:#FF3A3A }
```

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

Here you see how a box with a 4 pixel #FF3A3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF3A3A; -webkit-box-shadow:4px 4px  
4px 4px #FF3A3A; box-shadow:4px 4px 4px  
4px #FF3A3A }
```

# Background

The CSS property to change the background color of an element to Hex FF3A3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF3A3A }
```

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

```
.background{ background-color:#FF3A3A }
```

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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