

# Converting Colors

Hex(FF3A33)

Have a look what the booklet for  
Hex(FF3A33) contains.

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**Color**

**Hex(F3A33)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | FF3A33                      |
| RGB         | 255, 58, 51                 |
| RGB Percent | 100%, 23%, 20%              |
| CMY         | 0.0000, 0.7725, 0.8000      |
| CMYK        | 0.00, 0.77, 0.80, 0.00      |
| HSL         | 2°, 100%, 60%               |
| HSV         | 2°, 80%, 100%               |
| XYZ         | 43.3506, 24.5251, 5.5810    |
| YIQ         | 116.1050, 119.6590, 39.5870 |

# Conversions

## Conversions Part 2

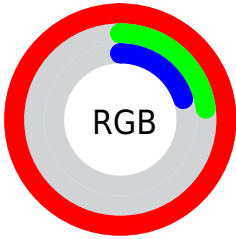
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>R<sub>YB</sub></b>               | 255, 58, 51                     |
| Decimal                             | 16726579                        |
| CIE <sub>Lab</sub>                  | 56.61, 71.90, 50.90             |
| CIE <sub>LCh</sub>                  | 57, 88.095, 35.292              |
| Yxy                                 | 24.5251, 0.5902,<br>0.3339      |
| Android<br>(android.graphics.Color) | 4294916659<br>(0xFFFF3A33)      |
| YUV                                 | 116.1050, -32.0968,<br>121.8109 |
| Hunter-Lab                          | 49.5229, 69.5878,<br>27.9843    |

# Details

The Hex color **FF3A33** 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 **33F8FF**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF7963**, and **BD0004** is the 20% darker color. If you saturate the color by 10%, you get **FF2119**, and if you desaturate by 10%, it is **FF534D**.

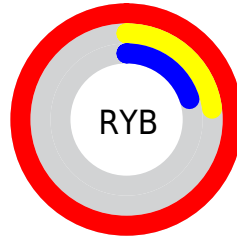
# Distribution



Red (100%)

Green (23%)

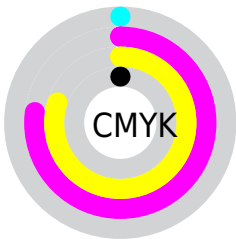
Blue (20%)



Red (100%)

Yellow (23%)

Blue (20%)

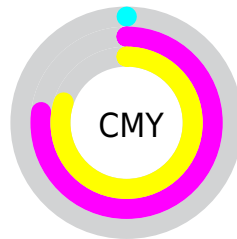


Cyan (0%)

Magenta (77%)

Yellow (80%)

Black (0%)



Cyan (0%)

Magenta (77%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF3A33 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 FF3A33 by changing the saturation by 10% instead.



 FF3A33

 FF3A33

FFFFFF

 DE061C

 FF7963

 BD0004

 FF977D

 9D0000

 FFB497

 7C0000

 FFD2B2

 5D0002

 FFF0CE

 3F0003

 FFFFEA

 1B0001

 000000

 FF3A33

 FF3A33

 FF2119

 FF534D

 FF0900

 FF6B66

 FF8480

 FF9D99

 FFB5B3

 FFCECC

 FFE6E6

FFFFFF

# Harmonies

## Analogous

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



FF007E



FF3A33



D66A00

# Triad

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



FF3A33



00A442



008EFF

# Complementary

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



FF3A33



33F8FF

# 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.



00A0FF



FF3A33



00A894

# Square

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



FF3A33



439B00



00A7DF



936BFF

# Rectangle

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



FF3A33



AF8100



00A7DF



0096FF



# Sweetspot

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



FF3A33



FFC4C2



FF33F8



805C5B



000000



808080



# Same Dimension

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



FF3A33



FF130A



FFA033



807373



BF0700



400200



# Inverse Universe

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



33F8FF



0AF7FF



3392FF



737F80



00B9BF



003E40



# Previews

## White Background



This preview shows how the Hex color FF3A33 looks on a white background.

## Color Contrast Check

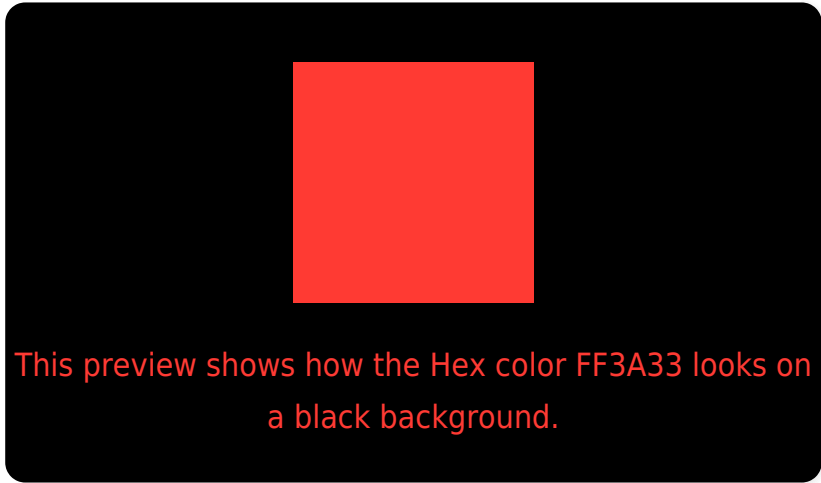
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF3A33 Background



This preview shows how black text looks on a background with the Hex color FF3A33.



This preview shows how white text looks on a background with the Hex color FF3A33.

# 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**  
FF3A33

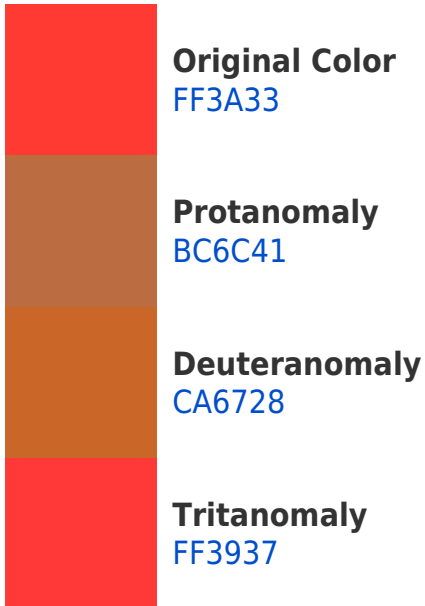
**Protanopia**  
968849

**Deuteranopia**  
AB8122

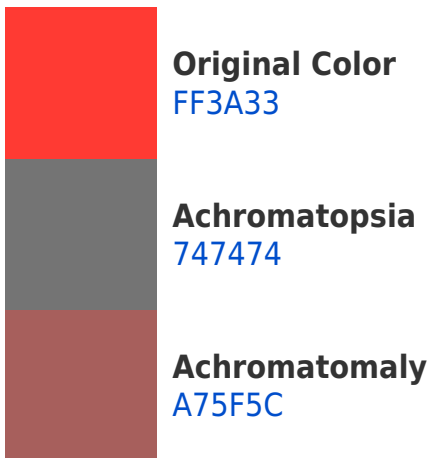


**Tritanopia**  
FF393A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF3A33 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 #FF3A33 looks like.

```
.text, #text, p{  
    color:#FF3A33  
}
```

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 #FF3A33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF3A33
}
```

## Border

The CSS property to change the border of an element to Hex FF3A33 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
#FF3A33 }
```

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

```
.border{ border-color:#FF3A33 }
```

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

Here you see how a box with a 4 pixel #FF3A33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF3A33; -webkit-box-shadow:4px 4px  
4px 4px #FF3A33; box-shadow:4px 4px 4px  
4px #FF3A33 }
```

# Background

The CSS property to change the background color of an element to Hex FF3A33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF3A33 }
```

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

```
.background{ background-color:#FF3A33 }
```

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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