

# Converting Colors

Hex(FF3348)

Have a look what the booklet for  
Hex(FF3348) contains.

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**Color**

**Hex(F33348)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF3348
RGB	255, 51, 72
RGB Percent	100%, 20%, 28%
CMY	0.0000, 0.8000, 0.7176
CMYK	0.00, 0.80, 0.72, 0.00
HSL	354°, 100%, 60%
HSV	354°, 80%, 100%
XYZ	43.5935, 24.0955, 8.4842
YIQ	114.3900, 114.8430, 49.7790

# Conversions

## Conversions Part 2

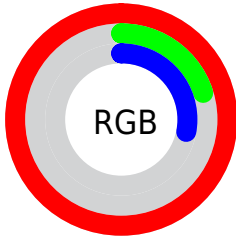
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 51, 72
Decimal	16724808
CIE <sub>Lab</sub>	56.18, 74.46, 39.03
CIE <sub>LCh</sub>	56, 84.069, 27.662
Yxy	24.0955, 0.5723, 0.3163
Android (android.graphics.Color)	4294914888 (0xFFFF3348)
YUV	114.3900, -20.8983, 123.3150
Hunter-Lab	49.0872, 72.6203, 24.1134

# Details

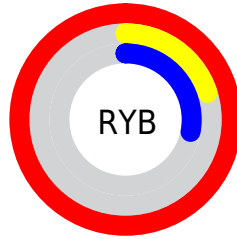
The Hex color **FF3348** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **33FFEA**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF7579**, and **BE001C** is the 20% darker color. If you saturate the color by 10%, you get **FF1931**, and if you desaturate by 10%, it is **FF4D5F**.

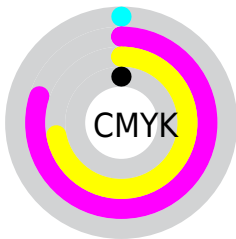
# Distribution



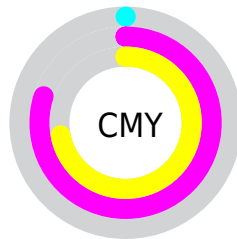
- Red (100%)
- Green (20%)
- Blue (28%)



- Red (100%)
- Yellow (20%)
- Blue (28%)



- Cyan (0%)
- Magenta (80%)
- Yellow (72%)
- Black (0%)



- Cyan (0%)
- Magenta (80%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF3348 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 FF3348 by changing the saturation by 10% instead.



 FF3348

 FF3348

FFFFFF

 DE0031

 FF7579

 BE001C

 FF9392

 9D0006

 FFB1AD

 7D0000

 FFCEC9

 5E0002

 FFEDE5

 3F0003

 1C0001

 000000

 FF3348

 FF3348

■ FF1931

■ FF4D5F

■ FF001A

■ FF6676

■ FF808D

■ FF99A4

■ FFB3BA

■ FFCCD1

■ FFE6E8

FFFFFF

# Harmonies

## Analogous

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



FF1890



FF3348



DE6100

# Triad

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



FF3348



00A02F



0092FF

# Complementary

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



FF3348



33FFEA

# 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



FF3348



00A57F

# Square

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



FF3348



609600



00A6C9



6D76FF

# Rectangle

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



FF3348



BC7900



00A6C9



0098FF



# Sweetspot

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



FF3348



FFC2C8



E733FF



805B5E



000000



808080



# Same Dimension

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



FF3348



FF0A23



FF8133



807374



BF0014



400007



# Inverse Universe

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



FF3348



FF0A23



33B1FF



807374



BF0014



400007



# Previews

## White Background



This preview shows how the Hex color FF3348 looks on a white background.

## Color Contrast Check

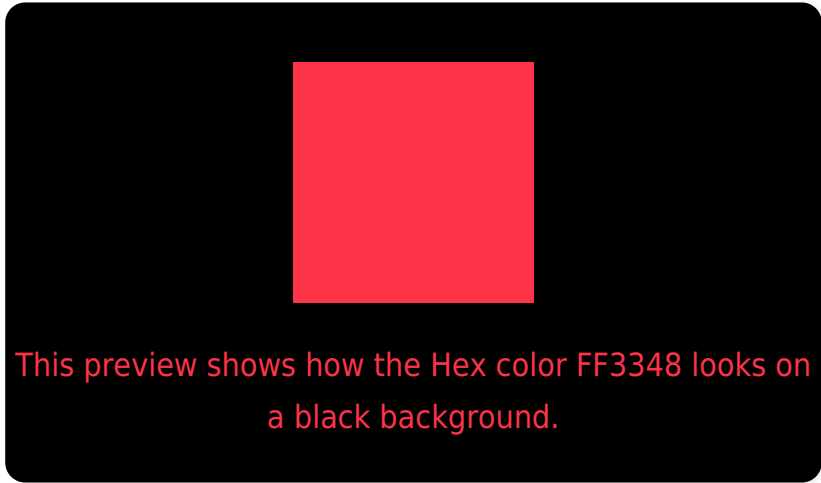
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF3348 Background



This preview shows how black text looks on a background with the Hex color FF3348.



This preview shows how white text looks on a background with the Hex color FF3348.

# 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**  
FF3348

**Protanopia**  
918765

**Deuteranopia**  
A7803C



# Trichromacy



**Original Color**  
FF3348

**Protanomaly**  
B9685A

**Deuteranomaly**  
C76440

**Tritanomaly**  
FE353D

# Monochromacy



**Original Color**  
FF3348

**Achromatopsia**  
727272

**Achromatomaly**  
A55B63

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF3348 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 #FF3348 looks like.

```
.text, #text, p{  
    color:#FF3348  
}
```

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 #FF3348 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF3348
}
```

## Border

The CSS property to change the border of an element to Hex FF3348 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".

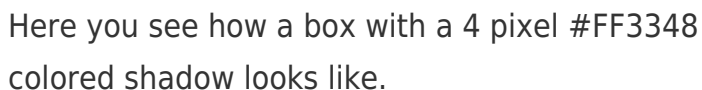
```
.border, #border, table{ border:4px solid
#FF3348 }
```

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

```
.border{ border-color:#FF3348 }
```

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

Here you see how a box with a 4 pixel #FF3348 colored shadow looks like.

A rectangular box with a red border and a red shadow. The box is white with a red border and a red shadow. The shadow is a 4px red shadow.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF3348; -webkit-box-shadow:4px 4px  
4px 4px #FF3348; box-shadow:4px 4px 4px  
4px #FF3348 }
```

# Background

The CSS property to change the background color of an element to Hex FF3348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF3348 }
```

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

```
.background{ background-color:#FF3348 }
```

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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