

Converting Colors

Hex(FF3347)

Have a look what the booklet for
Hex(FF3347) contains.

Hex(FF3347)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F33347)

Conversions

Conversions Part 1

Format	Color
Hex	FF3347
RGB	255, 51, 71
RGB Percent	100%, 20%, 28%
CMY	0.0000, 0.8000, 0.7216
CMYK	0.00, 0.80, 0.72, 0.00
HSL	354°, 100%, 60%
HSV	354°, 80%, 100%
XYZ	43.5612, 24.0826, 8.3137
YIQ	114.2760, 115.1640, 49.4680

Conversions

Conversions Part 2

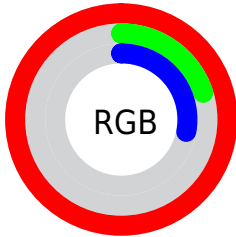
Format	Color
R_{YB}	255, 51, 71
Decimal	16724807
CIE Lab	56.17, 74.42, 39.58
CIE LCh	56, 84.292, 28.008
Yxy	24.0826, 0.5735, 0.3171
Android (android.graphics.Color)	4294914887 (0xFFFF3347)
YUV	114.2760, -21.3351, 123.4149
Hunter-Lab	49.0740, 72.5682, 24.3074

Details

The Hex color **FF3347** 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 **33FFEB**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF7578**, and **BE001B** is the 20% darker color. If you saturate the color by 10%, you get **FF1930**, and if you desaturate by 10%, it is **FF4D5E**.

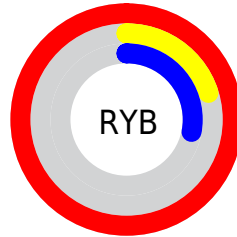
Distribution



Red (100%)

Green (20%)

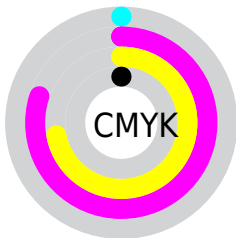
Blue (28%)



Red (100%)

Yellow (20%)

Blue (28%)

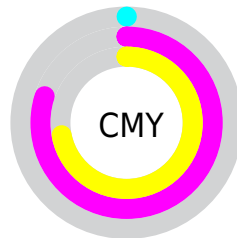


Cyan (0%)

Magenta (80%)

Yellow (72%)

Black (0%)



Cyan (0%)

Magenta (80%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF3347 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 FF3347 by changing the saturation by 10% instead.

 FF3347

 FF3347

FFFFFF

 DE0030

 FF7578

 BE001B

 FF9391

 9D0005

 FFB1AC

 7D0000

 FFCEC7

 5D0002

 FFEDE3

 3F0003

 1C0001

 000000

 FF3347

 FF3347

 FF1930

 FF4D5E

 FF0019

 FF6675

 FF808C

 FF99A3

 FFB3BA

 FFCCD1

 FFE6E8

FFFFFF

Harmonies

Analogous

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



FF168F



FF3347



DE6200

Triad

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



FF3347



00A030



0092FF

Complementary

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



FF3347



33FFEB

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



FF3347



00A57F

Square

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



FF3347



5F9600



00A6CA



6F75FF

Rectangle

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



FF3347



BB7900



00A6CA



0098FF

Sweetspot

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



FF3347



FFC2C8



EB33FF



805B5E



000000



808080

Same Dimension

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



FF3347



FF0A22



FF8533



807374



BF0013



400006

Inverse Universe

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



FF3347



FF0A22



33ADFF



807374



BF0013



400006

Previews

White Background



This preview shows how the Hex color FF3347 looks on a white background.

Color Contrast Check

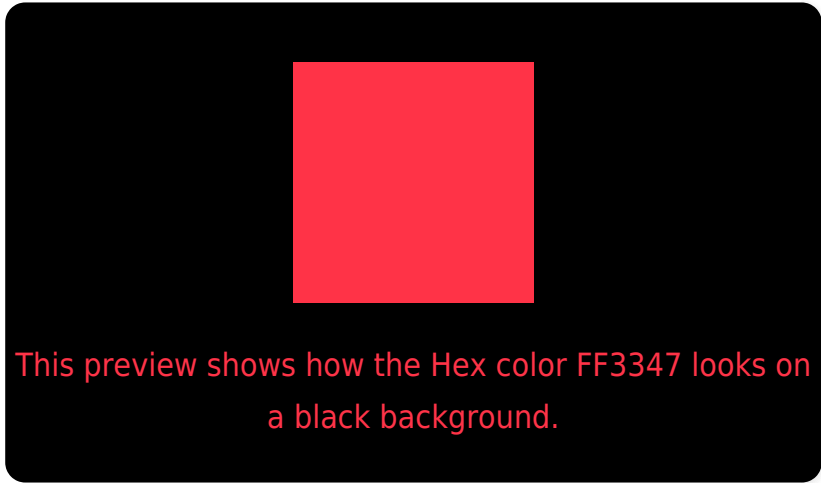
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF3347 Background



This preview shows how black text looks on a background with the Hex color FF3347.



This preview shows how white text looks on a background with the Hex color FF3347.

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
FF3347

Protanopia
918764

Deuteranopia
A7803B



Tritanopia
FF3637

Trichromacy



Original Color
FF3347

Protanomaly
B96859

Deuteranomaly
C7643F

Tritanomaly
FF353D

Monochromacy



Original Color
FF3347

Achromatopsia
727272

Achromatomaly
A55B62

CSS Examples

Text

The CSS property to change the color of the text to Hex FF3347 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 #FF3347 looks like.

```
.text, #text, p{  
    color:#FF3347  
}
```

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 #FF3347 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF3347
}
```

Border

The CSS property to change the border of an element to Hex FF3347 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
#FF3347 }
```

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

```
.border{ border-color:#FF3347 }
```

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

Here you see how a box with a 4 pixel #FF3347 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF3347; -webkit-box-shadow:4px 4px  
4px 4px #FF3347; box-shadow:4px 4px 4px  
4px #FF3347 }
```

Background

The CSS property to change the background color of an element to Hex FF3347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF3347 }
```

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

```
.background{ background-color:#FF3347 }
```

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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