

Converting Colors

Hex(FF333A)

Have a look what the booklet for
Hex(FF333A) contains.

Hex(FF333A)	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(F3333A)

Conversions

Conversions Part 1

Format	Color
Hex	FF333A
RGB	255, 51, 58
RGB Percent	100%, 20%, 23%
CMY	0.0000, 0.8000, 0.7725
CMYK	0.00, 0.80, 0.77, 0.00
HSL	358°, 100%, 60%
HSV	358°, 80%, 100%
XYZ	43.1875, 23.9331, 6.3463
YIQ	112.7940, 119.3370, 45.4250

Conversions

Conversions Part 2

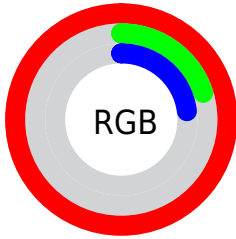
Format	Color
R_{YB}	255, 51, 58
Decimal	16724794
CIE _{Lab}	56.02, 73.96, 46.63
CIE _{LCh}	56, 87.432, 32.230
Yxy	23.9331, 0.5878, 0.3258
Android (android.graphics.Color)	4294914874 (0xFFFF333A)
YUV	112.7940, -27.0134, 124.7147
Hunter-Lab	48.9215, 71.9658, 26.5537

Details

The Hex color **FF333A** 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 **33FFF8**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **FF756A**, and **BD000E** is the 20% darker color. If you saturate the color by 10%, you get **FF1921**, and if you desaturate by 10%, it is **FF4D53**.

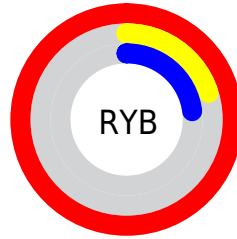
Distribution



Red (100%)

Green (20%)

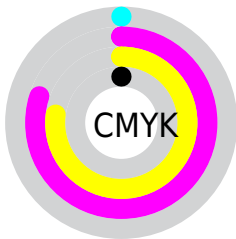
Blue (23%)



Red (100%)

Yellow (20%)

Blue (23%)

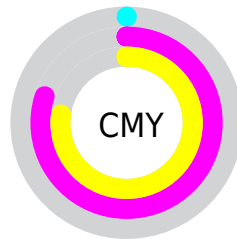


Cyan (0%)

Magenta (80%)

Yellow (77%)

Black (0%)



Cyan (0%)

Magenta (80%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF333A 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 FF333A by changing the saturation by 10% instead.

 FF333A

 FF333A

FFFFFF

 DE0023

 FF756A

 BD000E

 FF9284

 9D0000

 FFB09E

 7C0000

 FFCEB9

 5D0002

 FFECD5

 3F0003

 FFFFF1

 1B0001

 000000

 FF333A

 FF333A

 FF1921

 FF4D53

 FF0009

 FF666B

 FF8084

 FF999C

 FFB3B5

 FFCCCE

 FFE6E6

FFFFFF

Harmonies

Analogous

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



FF0084



FF333A



D96500

Triad

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



FF333A



00A238



008FFF

Complementary

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



FF333A



33FFF8

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



FF333A



00A68A

Square

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



FF333A



4E9800



00A6D6



836FFF

Rectangle

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



FF333A



B37C00



00A6D6



0096FF

Sweetspot

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



FF333A



FFC2C4



F533FF



805B5C



000000



808080

Same Dimension

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



FF333A



FF0A13



FF8F33



807373



BF0007



400002

Inverse Universe

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



FF333A



FF0A13



33A3FF



807373



BF0007



400002

Previews

White Background



This preview shows how the Hex color FF333A looks on a white background.

Color Contrast Check

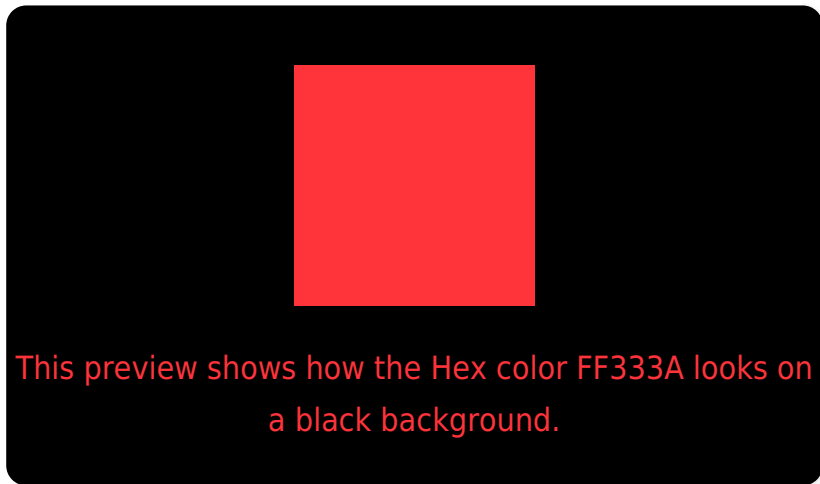
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF333A Background



This preview shows how black text looks on a background with the Hex color FF333A.



This preview shows how white text looks on a background with the Hex color FF333A.

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
FF333A

Protanopia
938753

Deuteranopia
A9802B



Tritanopia
FF3434

Trichromacy



Original Color
FF333A

Protanomaly
BA684A

Deuteranomaly
C86430

Tritanomaly
FF3436

Monochromacy



Original Color
FF333A

Achromatopsia
717171

Achromatomaly
A55A5D

CSS Examples

Text

The CSS property to change the color of the text to Hex FF333A 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 #FF333A looks like.

```
.text, #text, p{  
    color:#FF333A  
}
```

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 #FF333A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF333A
}
```

Border

The CSS property to change the border of an element to Hex FF333A is called "border". The border property can be set on classes, ids or directly on the HTML element.

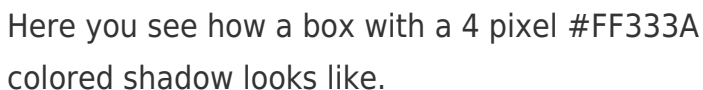
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FF333A }
```

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

```
.border{ border-color:#FF333A }
```

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



Here you see how a box with a 4 pixel #FF333A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF333A; -webkit-box-shadow:4px 4px  
4px 4px #FF333A; box-shadow:4px 4px 4px  
4px #FF333A }
```

Background

The CSS property to change the background color of an element to Hex FF333A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF333A }
```

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

```
.background{ background-color:#FF333A }
```

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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