

Converting Colors

Hex(FF334C)

Have a look what the booklet for
Hex(FF334C) contains.

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Color

Hex(F334C)

Conversions

Conversions Part 1

Format	Color
Hex	FF334C
RGB	255, 51, 76
RGB Percent	100%, 20%, 30%
CMY	0.0000, 0.8000, 0.7020
CMYK	0.00, 0.80, 0.70, 0.00
HSL	353°, 100%, 60%
HSV	353°, 80%, 100%
XYZ	43.7283, 24.1495, 9.1940
YIQ	114.8460, 113.5590, 51.0230

Conversions

Conversions Part 2

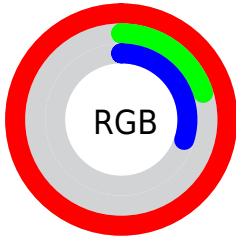
Format	Color
R _Y B	255, 51, 76
Decimal	16724812
CIE Lab	56.24, 74.62, 36.80
CIE LCh	56, 83.207, 26.252
Yxy	24.1495, 0.5674, 0.3133
Android (android.graphics.Color)	4294914892 (0xFFFF334C)
YUV	114.8460, -19.1511, 122.9151
Hunter-Lab	49.1421, 72.8368, 23.3068

Details

The Hex color **FF334C** 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 **33FFE6**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF757D**, and **BE0020** is the 20% darker color. If you saturate the color by 10%, you get **FF1936**, and if you desaturate by 10%, it is **FF4D62**.

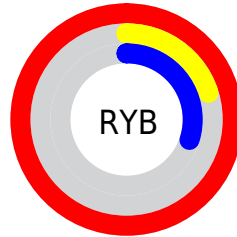
Distribution



Red (100%)

Green (20%)

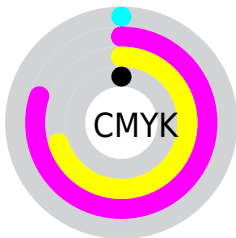
Blue (30%)



Red (100%)

Yellow (20%)

Blue (30%)

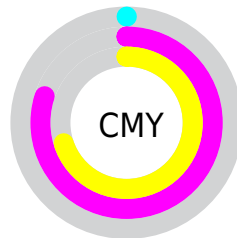


Cyan (0%)

Magenta (80%)

Yellow (70%)

Black (0%)



Cyan (0%)

Magenta (80%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF334C 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 FF334C by changing the saturation by 10% instead.

 FF334C

 FF334C

FFFFFF

 DE0035

 FF757D

 BE0020

 FF9397

 9E000C

 FFB1B2

 7E0000

 FFCFCD

 5E0002

 FFEDE9

 400003

 1D0001

 000000

 FF334C

 FF334C

 FF1936

 FF4D62

 FF001F

 FF6679

 FF808F

 FF99A6

 FFB3BC

 FFCCD2

 FFE6E9

FFFFFF

Harmonies

Analogous

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



FE1F93



FF334C



E06000

Triad

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



FF334C



00A02D



0093FF

Complementary

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



FF334C



33FFE6

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



FF334C



00A57B

Square

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



FF334C



659500



00A6C5



6678FF

Rectangle

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



FF334C



BE7700



00A6C5



0099FF

Sweetspot

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



FF334C



FFC2C9



E433FF



805B5F



000000



808080

Same Dimension

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



FF334C



FF0A28



FF7E33



807374



BF0017



400008

Inverse Universe

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



FF334C



FF0A28



33B4FF



807374



BF0017



400008

Previews

White Background



This preview shows how the Hex color FF334C looks on a white background.

Color Contrast Check

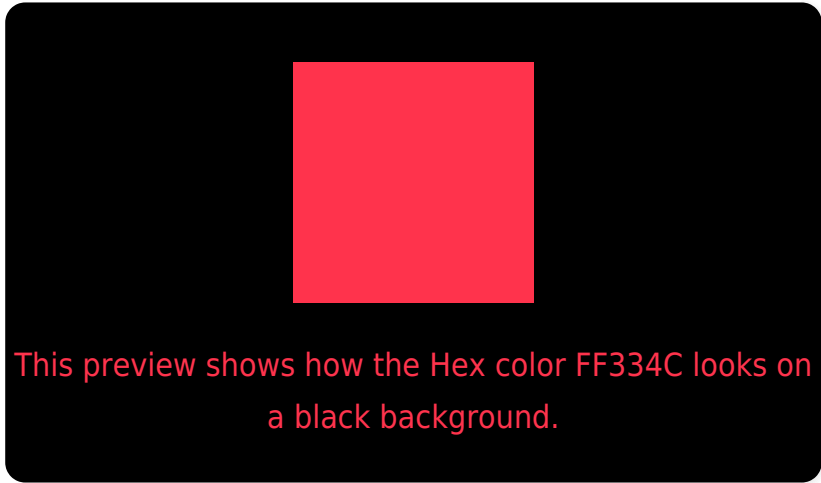
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF334C Background



This preview shows how black text looks on a background with the Hex color FF334C.

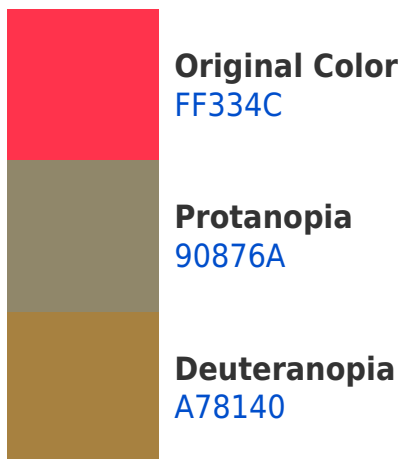


This preview shows how white text looks on a background with the Hex color FF334C.

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





Trichromacy



Original Color
FF334C

Protanomaly
B8685F

Deuteranomaly
C76544

Tritanomaly
FE363F

Monochromacy



Original Color
FF334C

Achromatopsia
737373

Achromatomaly
A65C65

CSS Examples

Text

The CSS property to change the color of the text to Hex FF334C 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 #FF334C looks like.

```
.text, #text, p{  
    color:#FF334C  
}
```

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 #FF334C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF334C
}
```

Border

The CSS property to change the border of an element to Hex FF334C 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".

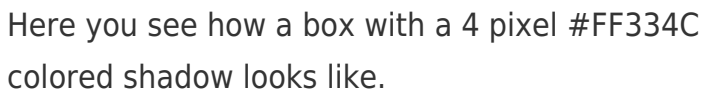
```
.border, #border, table{ border:4px solid
#FF334C }
```

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

```
.border{ border-color:#FF334C }
```

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

Here you see how a box with a 4 pixel #FF334C 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 4-pixel red shadow.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF334C; -webkit-box-shadow:4px 4px  
4px 4px #FF334C; box-shadow:4px 4px 4px  
4px #FF334C }
```

Background

The CSS property to change the background color of an element to Hex FF334C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF334C }
```

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

```
.background{ background-color:#FF334C }
```

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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