

# Converting Colors

Hex(FF303E)

Have a look what the booklet for  
Hex(FF303E) contains.

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**Color**

**Hex(F303E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF303E
RGB	255, 48, 62
RGB Percent	100%, 19%, 24%
CMY	0.0000, 0.8118, 0.7569
CMYK	0.00, 0.81, 0.76, 0.00
HSL	356°, 100%, 59%
HSV	356°, 81%, 100%
XYZ	43.1665, 23.7217, 6.8610
YIQ	111.4890, 118.8780, 48.2380

# Conversions

## Conversions Part 2

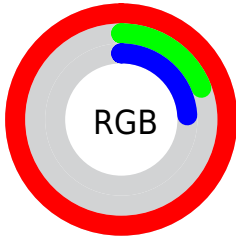
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 48, 62
Decimal	16724030
CIE <sub>Lab</sub>	55.81, 74.81, 44.22
CIE <sub>LCh</sub>	56, 86.906, 30.586
Yxy	23.7217, 0.5853, 0.3217
Android (android.graphics.Color)	4294914110 (0xFFFF303E)
YUV	111.4890, -24.3981, 125.8591
Hunter-Lab	48.7049, 72.9682, 25.7413

# Details

The Hex color **FF303E** 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 **30FFF1**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **FF736E**, and **BD0012** is the 20% darker color. If you saturate the color by 10%, you get **FF1726**, and if you desaturate by 10%, it is **FF4A56**.

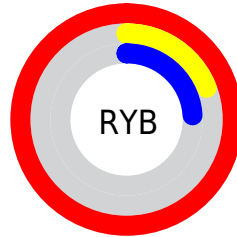
# Distribution



Red (100%)

Green (19%)

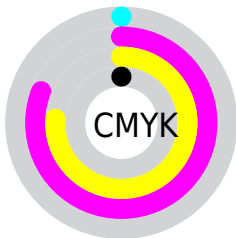
Blue (24%)



Red (100%)

Yellow (19%)

Blue (24%)

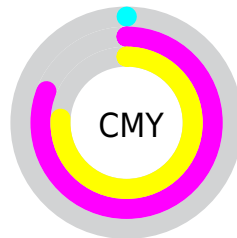


Cyan (0%)

Magenta (81%)

Yellow (76%)

Black (0%)



Cyan (0%)

Magenta (81%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF303E 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 FF303E by changing the saturation by 10% instead.



 FF303E

 FF303E

FFFFFF

 DE0028

 FF736E

 BD0012

 FF9188

 9D0000

 FFAFA2

 7C0000

 FFCDBD

 5D0002

 FFEBD9

 3F0003

 FFFFF6

 1B0001

 000000

 FF303E

 FF303E

 FF1726

 FF4A56

 FF0011

 FF636E

 FF7D85

 FF969D

 FFB0B5

 FFC9CD

 FFE3E4

 FFFCFC

FFFFFF

# Harmonies

## Analogous

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



FF0088



FF303E



DA6300

# Triad

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



FF303E



00A034



0090FF

# Complementary

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



FF303E



30FFF1

# 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



FF303E



00A585

# Square

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



FF303E



539700



00A5D1



7A70FF

# Rectangle

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



FF303E



B67A00



00A5D1



0096FF



# Sweetspot

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



FF303E



FFC2C6



EE30FF



805B5D



000000



808080



# Same Dimension

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



FF303E



FF0818



FF8630



807374



BF000D



400004



# Inverse Universe

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



FF303E



FF0818



30A9FF



807374



BF000D



400004



# Previews

## White Background



This preview shows how the Hex color FF303E looks on a white background.

## Color Contrast Check

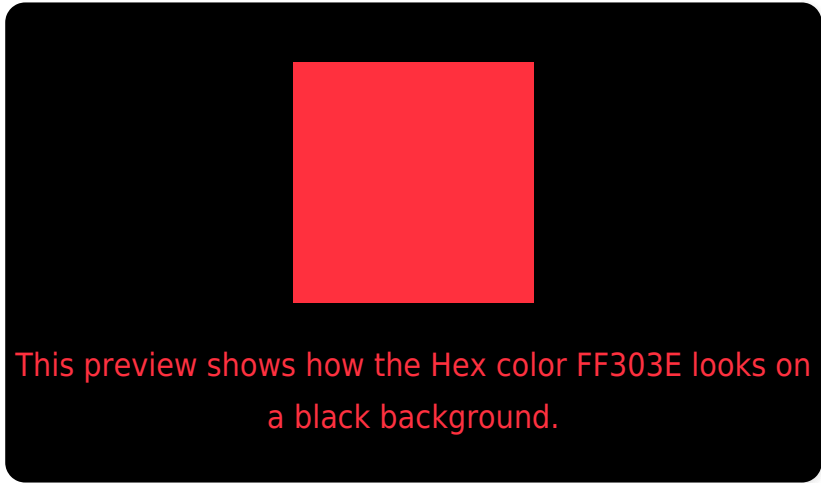
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF303E Background



This preview shows how black text looks on a background with the Hex color FF303E.



This preview shows how white text looks on a background with the Hex color FF303E.

# 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**  
FF303E

**Protanopia**  
918659

**Deuteranopia**  
A77F30



**Tritanopia**  
FF3232

# Trichromacy



**Original Color**  
FF303E



**Protanomaly**  
B9674F



**Deuteranomaly**  
C76235



**Tritanomaly**  
FF3136

# Monochromacy



**Original Color**  
FF303E



**Achromatopsia**  
6F6F6F



**Achromatomaly**  
A3585D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF303E 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 #FF303E looks like.

```
.text, #text, p{  
  color:#FF303E  
}
```

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 #FF303E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF303E
}
```

## Border

The CSS property to change the border of an element to Hex FF303E is called "border". The border property can be set on classes, ids or directly on the HTML element.

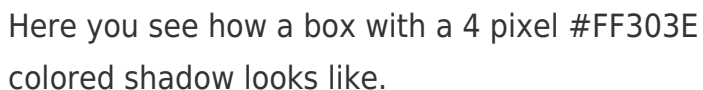
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FF303E }
```

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

```
.border{ border-color:#FF303E }
```

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



Here you see how a box with a 4 pixel #FF303E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF303E; -webkit-box-shadow:4px 4px  
4px 4px #FF303E; box-shadow:4px 4px 4px  
4px #FF303E }
```

# Background

The CSS property to change the background color of an element to Hex FF303E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF303E }
```

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

```
.background{ background-color:#FF303E }
```

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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