

# Converting Colors

Hex(FF2A3E)

Have a look what the booklet for  
Hex(FF2A3E) contains.

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# Color

Hex(**FF2A3E**)

# Conversions

## Conversions Part 1

Format	Color
Hex	FF2A3E
RGB	255, 42, 62
RGB Percent	100%, 16%, 24%
CMY	0.0000, 0.8353, 0.7569
CMYK	0.00, 0.84, 0.76, 0.00
HSL	354°, 100%, 58%
HSV	354°, 84%, 100%
XYZ	42.9375, 23.2637, 6.7847
YIQ	107.9670, 120.5280, 51.3760

# Conversions

## Conversions Part 2

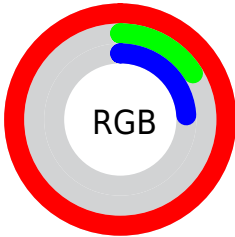
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 42, 62
Decimal	16722494
CIE <sub>Lab</sub>	55.34, 76.14, 43.71
CIE <sub>LCh</sub>	55, 87.795, 29.862
Yxy	23.2637, 0.5883, 0.3187
Android (android.graphics.Color)	4294912574 (0xFFFF2A3E)
YUV	107.9670, -22.6617, 128.9479
Hunter-Lab	48.2325, 74.4972, 25.4226

# Details

The Hex color **FF2A3E** 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 **2AFFEB**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **FF6F6E**, and **BD0013** is the 20% darker color. If you saturate the color by 10%, you get **FF1027**, and if you desaturate by 10%, it is **FF4355**.

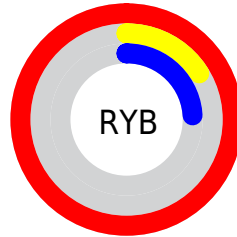
# Distribution



Red (100%)

Green (16%)

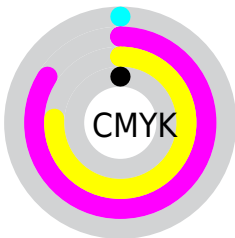
Blue (24%)



Red (100%)

Yellow (16%)

Blue (24%)

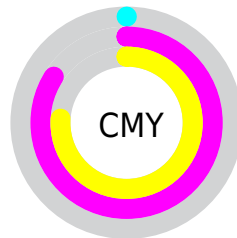


Cyan (0%)

Magenta (84%)

Yellow (76%)

Black (0%)



Cyan (0%)

Magenta (84%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF2A3E 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 FF2A3E by changing the saturation by 10% instead.



 FF2A3E

 FF2A3E

FFFFFF

 DE0028

 FF6F6E

 BD0013

 FF8E88

 9D0000

 FFACA2

 7C0000

 FFCABD

 5C0003

 FFE8D9

 3E0003

 FFFFF6

 1A0001

 000000

 FF2A3E

 FF2A3E

 FF1027

 FF4355

 FF0018

 FF5D6C

 FF7783

 FF909A

 FFAAB2

 FFC3C9

 FFDDE0

 FFF6F7

FFFFFF

# Harmonies

## Analogous

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



FF0088



FF2A3E



DB6000

# Triad

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



FF2A3E



009F2F



008FFF

# Complementary

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



FF2A3E



2AFFEB

# 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.



009FFF



FF2A3E



00A382

# Square

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



FF2A3E



549500



00A4CF



7470FF

# Rectangle

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



FF2A3E



B67800



00A4CF



0096FF



# Sweetspot

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



FF2A3E



FFBFC5



EA2AFF



80595D



000000



808080



# Same Dimension

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



FF2A3E



FF0018



FF7F2A



807374



BF0012



400006



# Inverse Universe

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



FF2A3E



FF0018



2AAAFF



807374



BF0012



400006



# Previews

## White Background



This preview shows how the Hex color FF2A3E looks on a white background.

## Color Contrast Check

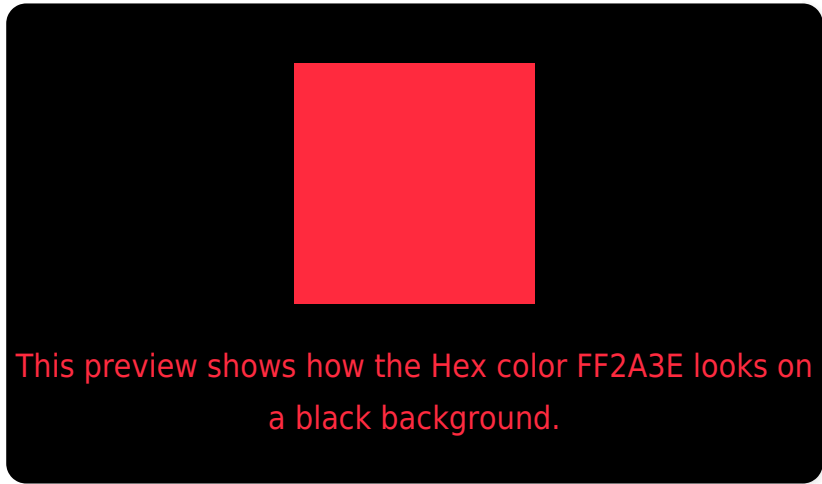
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF2A3E Background



This preview shows how black text looks on a background with the Hex color FF2A3E.

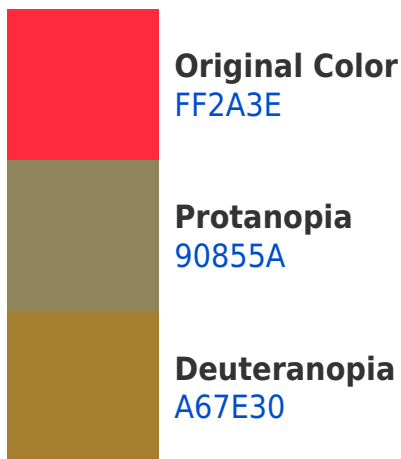


This preview shows how white text looks on a background with the Hex color FF2A3E.

# 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





**Tritanopia**  
FF2D2C

# Trichromacy



**Original Color**  
FF2A3E

**Protanomaly**  
B86450

**Deuteranomaly**  
C65F35

**Tritanomaly**  
FF2C33

# Monochromacy



**Original Color**  
FF2A3E

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
A1545B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF2A3E 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 #FF2A3E looks like.

```
.text, #text, p{  
    color:#FF2A3E  
}
```

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 #FF2A3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF2A3E
}
```

## Border

The CSS property to change the border of an element to Hex FF2A3E 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".

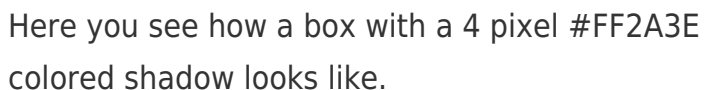
```
.border, #border, table{ border:4px solid
#FF2A3E }
```

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

```
.border{ border-color:#FF2A3E }
```

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

Here you see how a box with a 4 pixel #FF2A3E 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 #FF2A3E; -webkit-box-shadow:4px 4px  
4px 4px #FF2A3E; box-shadow:4px 4px 4px  
4px #FF2A3E }
```

# Background

The CSS property to change the background color of an element to Hex FF2A3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF2A3E }
```

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

```
.background{ background-color:#FF2A3E }
```

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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