

# Converting Colors

Hex(F2343C)

Have a look what the booklet for  
Hex(F2343C) contains.

<b>Hex(F2343C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(F2343C)

# Conversions

## Conversions Part 1

Format	Color
Hex	F2343C
RGB	242, 52, 60
RGB Percent	95%, 20%, 24%
CMY	0.0510, 0.7961, 0.7647
CMYK	0.00, 0.79, 0.75, 0.05
HSL	357°, 88%, 58%
HSV	357°, 79%, 95%
XYZ	38.6616, 21.6595, 6.4180
YIQ	109.7220, 110.6720, 42.7680

# Conversions

## Conversions Part 2

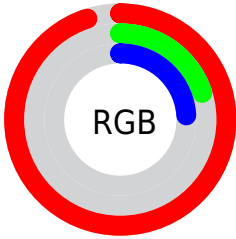
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	242, 52, 60
Decimal	15873084
CIE Lab	53.66, 70.19, 42.27
CIE LCh	54, 81.940, 31.059
Yxy	21.6595, 0.5793, 0.3245
Android (android.graphics.Color)	4294063164 (0xFFFF2343C)
YUV	109.7220, -24.5129, 116.0078
Hunter-Lab	46.5397, 66.8392, 24.4015

# Details

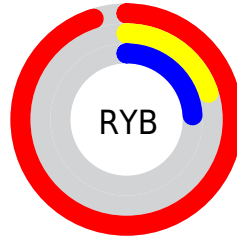
The Hex color **F2343C** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **34F2EA**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF736C**, and **B10011** is the 20% darker color. If you saturate the color by 10%, you get **F21C25**, and if you desaturate by 10%, it is **F24C53**.

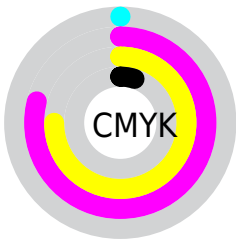
# Distribution



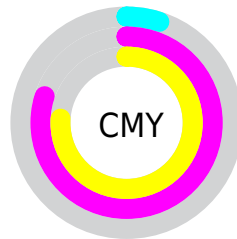
- Red (95%)
- Green (20%)
- Blue (24%)



- Red (95%)
- Yellow (20%)
- Blue (24%)



- Cyan (0%)
- Magenta (79%)
- Yellow (75%)
- Black (5%)



- Cyan (5%)
- Magenta (80%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F2343C 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 F2343C by changing the saturation by 10% instead.



 F2343C

 F2343C

FFFFFF

 D10026

 FF736C

 B10011

 FF9185

 910000

 FFAEA0

 710000

 FFCCBB

 530002

 FFEAD7

 340002

 FFFFF3

 000000

 F2343C

 F2343C

 F21C25

 F24C53

 F2040E

 F2646A

 F2000A

 F27D82

 F29599

 F2ADB0

 F2C5C7

 F2DDDE

 F2F6F5

 F2FFFF

# Harmonies

## Analogous

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



F70E81



F2343C



CF6000

# Triad

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



F2343C



009A35



0089FF

# Complementary

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



F2343C



34F2EA

# 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.



0098FD



F2343C



009E81

# Square

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



F2343C



519000



009EC8



796CFB

# Rectangle

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



F2343C



AD7600



009EC8



0090FF



# Sweetspot

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



F2343C



FFC2C4



E834F2



805B5C



000000



808080



# Same Dimension

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



F2343C



FF0F19



F28934



786C6C



B80008



380002



# Inverse Universe

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



F2343C



FF0F19



349DF2



786C6C



B80008



380002



# Previews

## White Background



This preview shows how the Hex color F2343C 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 F2343C Background



This preview shows how black text looks on a background with the Hex color F2343C.



This preview shows how white text looks on a background with the Hex color F2343C.

# 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**  
F2343C

**Protanopia**  
8C8154

**Deuteranopia**  
A17A2F



**Tritanopia**  
F23536

# Trichromacy



**Original Color**  
F2343C

**Protanomaly**  
B1654B

**Deuteranomaly**  
BE6134

**Tritanomaly**  
F23538

# Monochromacy



**Original Color**  
F2343C

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
9E595C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F2343C 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 #F2343C looks like.

```
.text, #text, p{  
    color:#F2343C  
}
```

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 #F2343C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F2343C
}
```

## Border

The CSS property to change the border of an element to Hex F2343C is called "border". The border property can be set on classes, ids or directly on the HTML element.

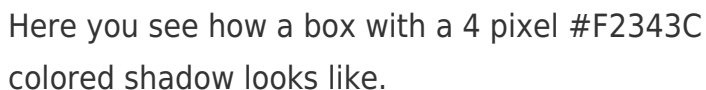
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F2343C }
```

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

```
.border{ border-color:#F2343C }
```

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



Here you see how a box with a 4 pixel #F2343C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F2343C; -webkit-box-shadow:4px 4px  
4px 4px #F2343C; box-shadow:4px 4px 4px  
4px #F2343C }
```

# Background

The CSS property to change the background color of an element to Hex F2343C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F2343C }
```

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

```
.background{ background-color:#F2343C }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

**@ConvertingColor**