

# Converting Colors

Hex(FF243C)

Have a look what the booklet for  
Hex(FF243C) contains.

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**Color**

**Hex(F F 2 4 3 C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF243C
RGB	255, 36, 60
RGB Percent	100%, 14%, 24%
CMY	0.0000, 0.8588, 0.7647
CMYK	0.00, 0.86, 0.76, 0.00
HSL	353°, 100%, 57%
HSV	353°, 86%, 100%
XYZ	42.6865, 22.8480, 6.4352
YIQ	104.2170, 122.8200, 53.8920

# Conversions

## Conversions Part 2

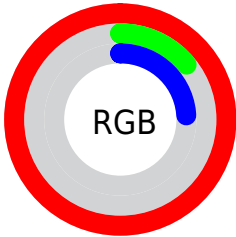
Format	Color
R <sub>Y</sub> B	255, 36, 60
Decimal	16720956
CIE Lab	54.92, 77.23, 44.36
CIE LCh	55, 89.066, 29.874
Yxy	22.8480, 0.5931, 0.3175
Android (android.graphics.Color)	4294911036 (0xFFFF243C)
YUV	104.2170, -21.7990, 132.2367
Hunter-Lab	47.7996, 75.7567, 25.4775

# Details

The Hex color **FF243C** 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 **24FFE7**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **FF6C6C**, and **BD0011** is the 20% darker color. If you saturate the color by 10%, you get **FF0A25**, and if you desaturate by 10%, it is **FF3D53**.

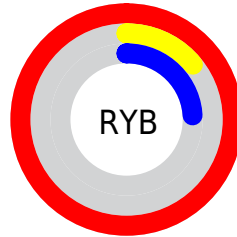
# Distribution



Red (100%)

Green (14%)

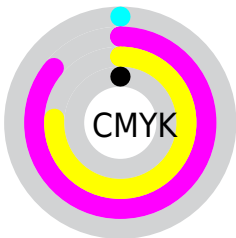
Blue (24%)



Red (100%)

Yellow (14%)

Blue (24%)

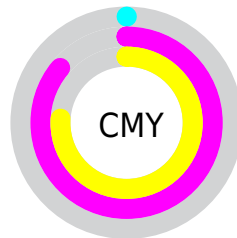


Cyan (0%)

Magenta (86%)

Yellow (76%)

Black (0%)



Cyan (0%)

Magenta (86%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF243C 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 FF243C by changing the saturation by 10% instead.



 FF243C

 FF243C

FFFFFF

 DE0026

 FF6C6C

 BD0011

 FF8B85

 9C0000

 FFA9A0

 7C0000

 FFC7BB

 5C0003

 FFE5D7

 3D0003

 FFFFF3

 190001

 000000

 FF243C

 FF243C

 FF0A25

 FF3D53

 FF001C

 FF5769

 FF7080

 FF8A97

 FFA3AE

 FFBDC4

 FFD6DB

 FFF0F2

FFFFFF

# Harmonies

## Analogous

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



FF0087



FF243C



DA5E00

# Triad

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



FF243C



009E2C



008EFF

# Complementary

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



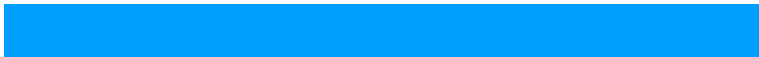
FF243C



24FFE7

# 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.



009EFF



FF243C



00A381

# Square

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



FF243C



519400



00A3CF



726FFF

# Rectangle

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



FF243C



B57700



00A3CF



0095FF



# Sweetspot

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



FF243C



FFBDC4



E524FF



80585C



000000



808080



# Same Dimension

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



FF243C



FF001C



FF7824



807374



BF0015



400007



# Inverse Universe

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



FF243C



FF001C



24ABFF



807374



BF0015



400007



# Previews

## White Background



This preview shows how the Hex color FF243C looks on a white background.

## Color Contrast Check

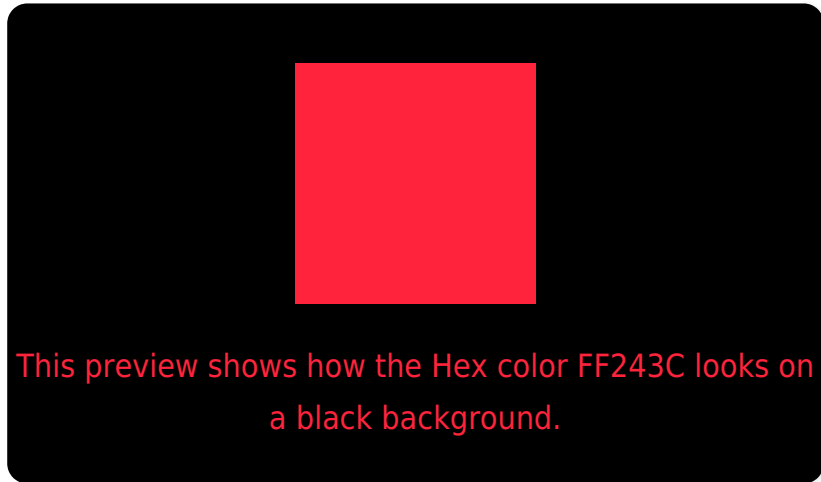
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF243C Background



This preview shows how black text looks on a background with the Hex color FF243C.



This preview shows how white text looks on a background with the Hex color FF243C.

# 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**  
FF243C

**Protanopia**  
8F8458

**Deuteranopia**  
A57D2D



**Tritanopia**  
FF2826

# Trichromacy



**Original Color**  
FF243C



**Protanomaly**  
B8614E



**Deuteranomaly**  
C65D32



**Tritanomaly**  
FF272E

# Monochromacy



**Original Color**  
FF243C



**Achromatopsia**  
686868



**Achromatomaly**  
9F4F58

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF243C 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 #FF243C looks like.

```
.text, #text, p{  
    color:#FF243C  
}
```

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 #FF243C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF243C
}
```

## Border

The CSS property to change the border of an element to Hex FF243C is called "border". The border property can be set on classes, ids or directly on the HTML element.

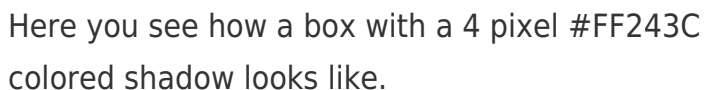
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FF243C }
```

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

```
.border{ border-color:#FF243C }
```

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



Here you see how a box with a 4 pixel #FF243C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF243C; -webkit-box-shadow:4px 4px  
4px 4px #FF243C; box-shadow:4px 4px 4px  
4px #FF243C }
```

# Background

The CSS property to change the background color of an element to Hex FF243C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF243C }
```

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

```
.background{ background-color:#FF243C }
```

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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