

# Converting Colors

Hex(F23439)

Have a look what the booklet for  
Hex(F23439) contains.

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**Color**

**Hex(F23439)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F23439
RGB	242, 52, 57
RGB Percent	95%, 20%, 22%
CMY	0.0510, 0.7961, 0.7765
CMYK	0.00, 0.79, 0.76, 0.05
HSL	358°, 88%, 58%
HSV	358°, 79%, 95%
XYZ	38.5845, 21.6286, 6.0120
YIQ	109.3800, 111.6350, 41.8350

# Conversions

## Conversions Part 2

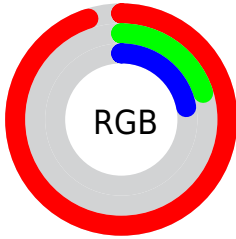
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	242, 52, 57
Decimal	15873081
CIE <sub>Lab</sub>	53.63, 70.09, 43.89
CIE <sub>LCh</sub>	54, 82.699, 32.058
Yxy	21.6286, 0.5826, 0.3266
Android (android.graphics.Color)	4294063161 (0xFFFF23439)
YUV	109.3800, -25.8233, 116.3077
Hunter-Lab	46.5066, 66.7070, 24.8901

# Details

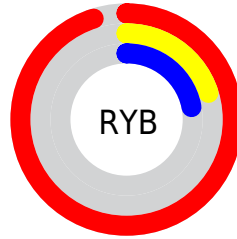
The Hex color **F23439** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **34F2ED**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF7369**, and **B1000D** is the 20% darker color. If you saturate the color by 10%, you get **F21C21**, and if you desaturate by 10%, it is **F24C51**.

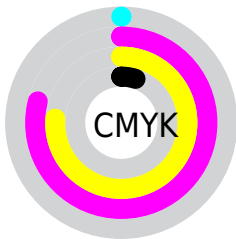
# Distribution



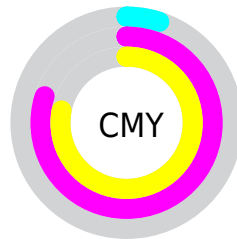
- Red (95%)
- Green (20%)
- Blue (22%)



- Red (95%)
- Yellow (20%)
- Blue (22%)



- Cyan (0%)
- Magenta (79%)
- Yellow (76%)
- Black (5%)



- Cyan (5%)
- Magenta (80%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F23439 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 F23439 by changing the saturation by 10% instead.



 F23439

 F23439

FFFFFF

 D10023

 FF7369

 B1000D

 FF9182

 910000

 FFAE9D

 710000

 FFCCB8

 520002

 FFE9D3

 340002

 FFFFF0

 000000

 F23439

 F23439

 F21C21

 F24C51

 F2040A

 F26468

 F20006

 F27D80

 F29597

 F2ADAF

 F2C5C6

 F2DDDE

 F2F6F6

 F2FFFF

# Harmonies

## Analogous

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



F8057F



F23439



CE6100

# Triad

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



F23439



009A37



0088FF

# Complementary

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



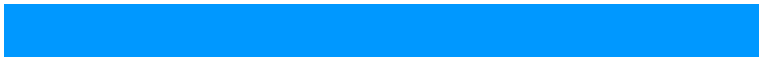
F23439



34F2ED

# 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.



0098FF



F23439



009E83

# Square

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



F23439



4D9100



009ECB



7D6AFB

# Rectangle

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



F23439



AB7700



009ECB



008FFF



# Sweetspot

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



F23439



FFC2C3



EC34F2



805B5B



000000



808080



# Same Dimension

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



F23439



FF0F16



F28D34



786C6C



B80005



380001



# Inverse Universe

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



F23439



FF0F16



3499F2



786C6C



B80005



380001



# Previews

## White Background



This preview shows how the Hex color F23439 looks on a white background.

## Color Contrast Check

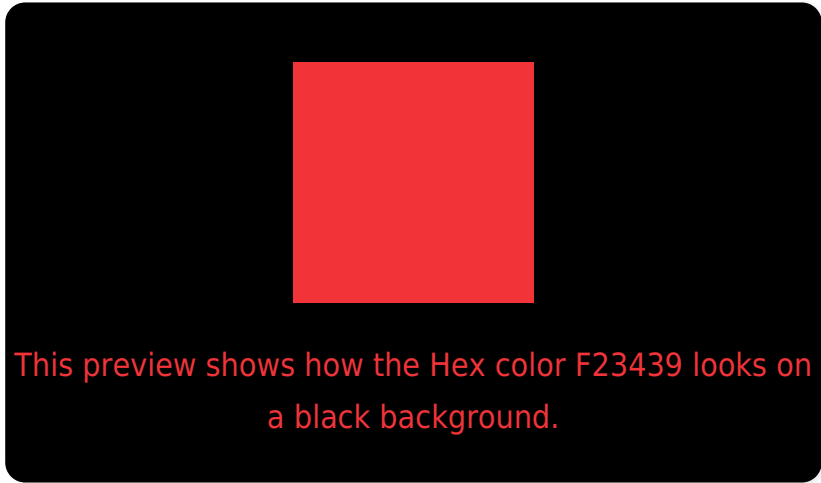
Large Text (above 18pt) WCAG AA ✓ Pass

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 F23439 Background



This preview shows how black text looks on a background with the Hex color F23439.



This preview shows how white text looks on a background with the Hex color F23439.

# 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**  
F23439

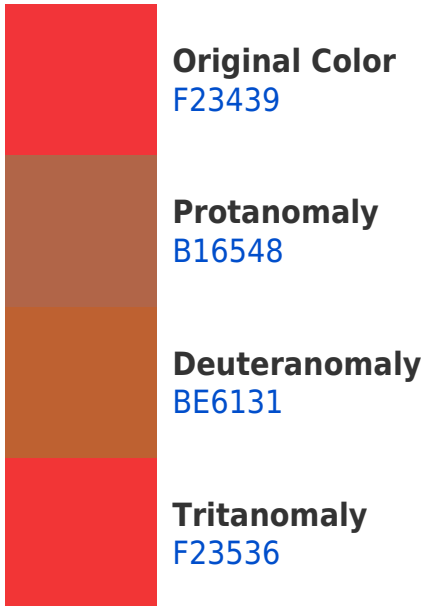
**Protanopia**  
8C8150

**Deuteranopia**  
A17A2C



**Tritanopia**  
F23535

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F23439 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 #F23439 looks like.

```
.text, #text, p{  
    color:#F23439  
}
```

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 #F23439 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F23439
}
```

## Border

The CSS property to change the border of an element to Hex F23439 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".

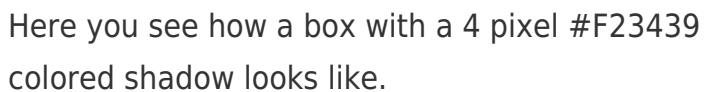
```
.border, #border, table{ border:4px solid
#F23439 }
```

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

```
.border{ border-color:#F23439 }
```

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

Here you see how a box with a 4 pixel #F23439 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 #F23439; -webkit-box-shadow:4px 4px  
4px 4px #F23439; box-shadow:4px 4px 4px  
4px #F23439 }
```

# Background

The CSS property to change the background color of an element to Hex F23439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F23439 }
```

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

```
.background{ background-color:#F23439 }
```

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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