

# Converting Colors

Hex(F23C55)

Have a look what the booklet for  
Hex(F23C55) contains.

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# Color

Hex(F23C55)

# Conversions

## Conversions Part 1

Format	Color
Hex	F23C55
RGB	242, 60, 85
RGB Percent	95%, 24%, 33%
CMY	0.0510, 0.7647, 0.6667
CMYK	0.00, 0.75, 0.65, 0.05
HSL	352°, 87%, 59%
HSV	352°, 75%, 95%
XYZ	39.8735, 22.7648, 10.8868
YIQ	117.2680, 100.4470, 46.3590

# Conversions

## Conversions Part 2

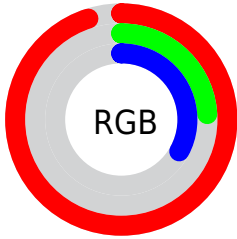
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	242, 60, 85
Decimal	15875157
CIE <sub>Lab</sub>	54.83, 69.00, 29.29
CIE <sub>LCh</sub>	55, 74.960, 23.002
Yxy	22.7648, 0.5423, 0.3096
Android (android.graphics.Color)	4294065237 (0xFFFF23C55)
YUV	117.2680, -15.9081, 109.3900
Hunter-Lab	47.7125, 65.6761, 19.8702

# Details

The Hex color **F23C55** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **3CF2D9**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF7986**, and **B20028** is the 20% darker color. If you saturate the color by 10%, you get **F22440**, and if you desaturate by 10%, it is **F2546A**.

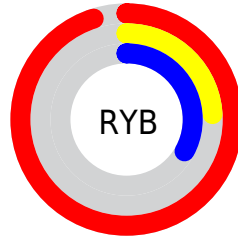
# Distribution



Red (95%)

Green (24%)

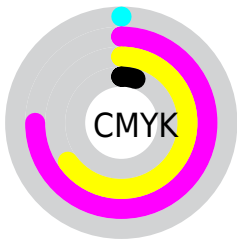
Blue (33%)



Red (95%)

Yellow (24%)

Blue (33%)

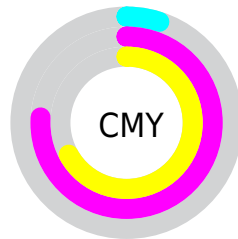


Cyan (0%)

Magenta (75%)

Yellow (65%)

Black (5%)



Cyan (5%)

Magenta (76%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F23C55 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 F23C55 by changing the saturation by 10% instead.



 F23C55

 F23C55

FFFFFF

 D2103E

 FF7986

 B20028

 FF97A1

 930015

 FFB4BC

 740000

 FFD1D7

 550002

 FFEFF4

 370002

 090000

 000000

 F23C55

 F23C55

 F22440

 F2546A

 F20C2B

 F26C7F

 F20021

 F28594

 F29DA9

 F2B5BD

 F2CDD2

 F2E5E7

 F2FEFC

 F2FFFF

# Harmonies

## Analogous

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



ED3695



F23C55



D95E13

# Triad

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



F23C55



00992C



0090FF

# Complementary

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



F23C55



3CF2D9

# 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.



009CEB



F23C55



009F71

# Square

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



F23C55



6F8F00



00A0B4



5979FC

# Rectangle

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



F23C55



BC7200



00A0B4



0095FF



# Sweetspot

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



F23C55



FFC4CC



D73CF2



805C61



000000



808080



# Same Dimension

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



F23C55



FF1939



F27C3C



786C6E



B80019



380008



# Inverse Universe

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



F23C55



FF1939



3CB2F2



786C6E



B80019



380008



# Previews

## White Background



This preview shows how the Hex color F23C55 looks on a white background.

## Color Contrast Check

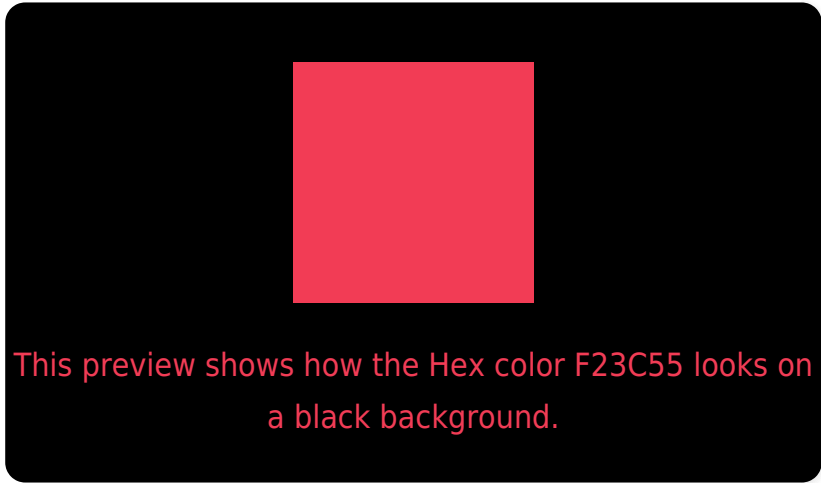
Large Text (above 18pt) WCAG AA ✓ Pass

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 F23C55 Background



This preview shows how black text looks on a background with the Hex color F23C55.

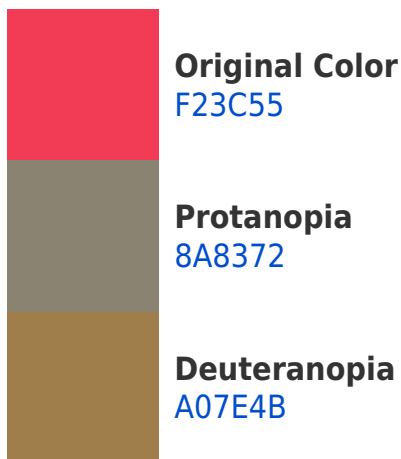


This preview shows how white text looks on a background with the Hex color F23C55.

# 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](#).

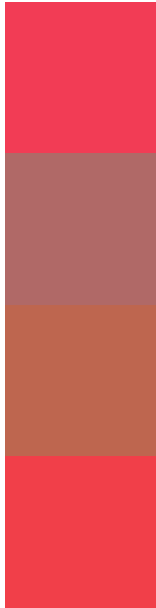
## Dichromacy





**Tritanopia**  
F14042

# Trichromacy



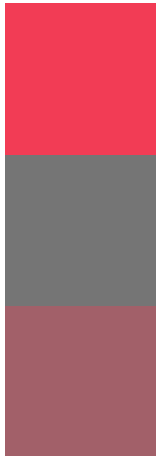
**Original Color**  
F23C55

**Protanomaly**  
B06967

**Deuteranomaly**  
BE664F

**Tritanomaly**  
F13F49

# Monochromacy



**Original Color**  
F23C55

**Achromatopsia**  
757575

**Achromatomaly**  
A26069

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F23C55 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 #F23C55 looks like.

```
.text, #text, p{  
    color:#F23C55  
}
```

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 #F23C55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F23C55 }  
}
```

## Border

The CSS property to change the border of an element to Hex F23C55 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 #F23C55 }  
}
```

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

```
.border{ border-color:#F23C55 }
```

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

Here you see how a box with a 4 pixel #F23C55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F23C55; -webkit-box-shadow:4px 4px  
4px 4px #F23C55; box-shadow:4px 4px 4px  
4px #F23C55 }
```

# Background

The CSS property to change the background color of an element to Hex F23C55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F23C55 }
```

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

```
.background{ background-color:#F23C55 }
```

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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