

# Converting Colors

Hex(F53D4F)

Have a look what the booklet for  
Hex(F53D4F) contains.

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# Color

**Hex(F53D4F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F53D4F
RGB	245, 61, 79
RGB Percent	96%, 24%, 31%
CMY	0.0392, 0.7608, 0.6902
CMYK	0.00, 0.75, 0.68, 0.04
HSL	354°, 90%, 60%
HSV	354°, 75%, 96%
XYZ	40.7362, 23.3145, 9.7502
YIQ	118.0680, 103.8860, 44.6060

# Conversions

## Conversions Part 2

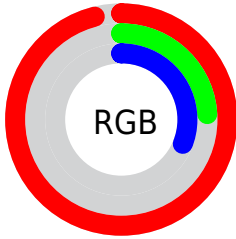
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	245, 61, 79
Decimal	16072015
CIE Lab	55.39, 69.24, 33.62
CIE LCh	55, 76.972, 25.896
Yxy	23.3145, 0.5520, 0.3159
Android (android.graphics.Color)	4294262095 (0xFFFF53D4F)
YUV	118.0680, -19.2605, 111.3194
Hunter-Lab	48.2851, 66.0946, 21.8271

# Details

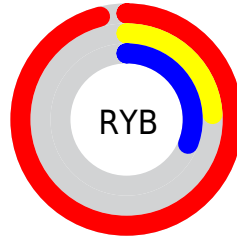
The Hex color **F53D4F** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **3DF5E3**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF7A80**, and **B50023** is the 20% darker color. If you saturate the color by 10%, you get **F52439**, and if you desaturate by 10%, it is **F55665**.

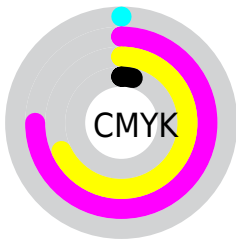
# Distribution



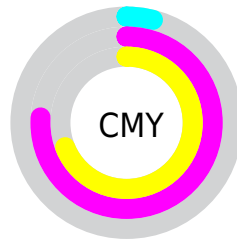
- Red (96%)
- Green (24%)
- Blue (31%)



- Red (96%)
- Yellow (24%)
- Blue (31%)



- Cyan (0%)
- Magenta (75%)
- Yellow (68%)
- Black (4%)



- Cyan (4%)
- Magenta (76%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F53D4F 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 F53D4F by changing the saturation by 10% instead.



 F53D4F

FFFFFF

 FF7A80

 FF989A

 FFB5B5

 FFD3D1

 FFF0ED

 F53D4F

 D51238

 B50023

 95000F

 760000

 570002

 390002

 0F0000

 000000

 F53D4F

 F53D4F

 F52439

 F55665

 F50C23

 F56E7B

 F50018

 F58691

 F59FA7

 F5B7BE

 F5D0D4

 F5E9EA

 F5FFFF

# Harmonies

## Analogous

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



F33191



F53D4F



D96103

# Triad

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



F53D4F



009C32



0090FF

# Complementary

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



F53D4F



3DF5E3

# 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.



009DF3



F53D4F



00A179

# Square

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



F53D4F



689200



00A2BD



6877FE

# Rectangle

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



F53D4F



BA7600



00A2BD



0096FF



# Sweetspot

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



F53D4F



FFC4CA



E33DF5



805C5F



000000



808080



# Same Dimension

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



F53D4F



FF1930



F5873D



7A6E6F



BA0012



3B0006



# Inverse Universe

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



F53D4F



FF1930



3DABF5



7A6E6F



BA0012



3B0006



# Previews

## White Background



This preview shows how the Hex color F53D4F looks on a white background.

## Color Contrast Check

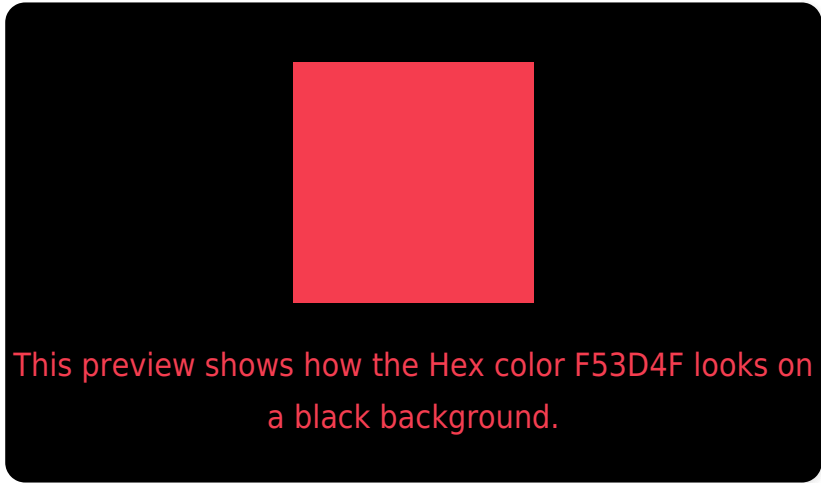
Large Text (above 18pt) WCAG AA ✓ Pass

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 F53D4F Background



This preview shows how black text looks on a background with the Hex color F53D4F.



This preview shows how white text looks on a background with the Hex color F53D4F.

# 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**  
F53D4F

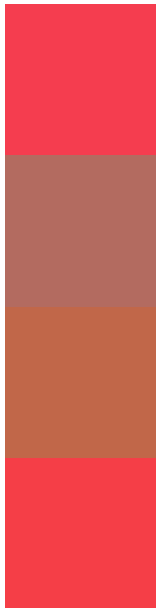
**Protanopia**  
8D856A

**Deuteranopia**  
A37F45



**Tritanopia**  
F53F42

# Trichromacy



**Original Color**  
F53D4F

**Protanomaly**  
B36B60

**Deuteranomaly**  
C16749

**Tritanomaly**  
F53E47

# Monochromacy



**Original Color**  
F53D4F

**Achromatopsia**  
767676

**Achromatomaly**  
A46168

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F53D4F 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 #F53D4F looks like.

```
.text, #text, p{  
  color:#F53D4F  
}
```

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 #F53D4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F53D4F
}
```

## Border

The CSS property to change the border of an element to Hex F53D4F is called "border". The border property can be set on classes, ids or directly on the HTML element.

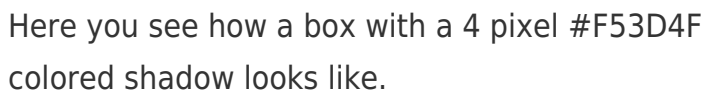
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F53D4F }
```

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

```
.border{ border-color:#F53D4F }
```

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



Here you see how a box with a 4 pixel `#F53D4F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F53D4F; -webkit-box-shadow:4px 4px  
4px 4px #F53D4F; box-shadow:4px 4px 4px  
4px #F53D4F }
```

# Background

The CSS property to change the background color of an element to Hex F53D4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F53D4F }
```

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

```
.background{ background-color:#F53D4F }
```

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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