

# Converting Colors

Hex(FD3B47)

Have a look what the booklet for  
Hex(FD3B47) contains.

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# Color

**Hex(FD3B47)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FD3B47
RGB	253, 59, 71
RGB Percent	99%, 23%, 28%
CMY	0.0078, 0.7686, 0.7216
CMYK	0.00, 0.77, 0.72, 0.01
HSL	356°, 98%, 61%
HSV	356°, 77%, 99%
XYZ	43.2093, 24.4655, 8.4062
YIQ	118.3740, 111.7720, 44.8600

# Conversions

## Conversions Part 2

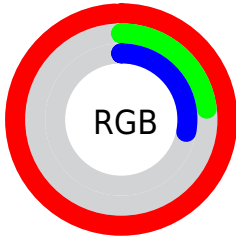
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">253, 59, 71</a>
Decimal	<a href="#">16595783</a>
CIELab	<a href="#">56.55, 71.74, 39.93</a>
CIElCh	<a href="#">57, 82.101, 29.098</a>
Yxy	<a href="#">24.4655, 0.5679, 0.3216</a>
Android (android.graphics.Color)	<a href="#">4294785863 (0xFFFD3B47)</a>
YUV	<a href="#">118.3740, -23.3554, 118.0670</a>
Hunter-Lab	<a href="#">49.4626, 69.3735, 24.5475</a>

# Details

The Hex color **FD3B47** 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 **3BFDF1**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF7A78**, and **BC001B** is the 20% darker color. If you saturate the color by 10%, you get **FD222F**, and if you desaturate by 10%, it is **FD545F**.

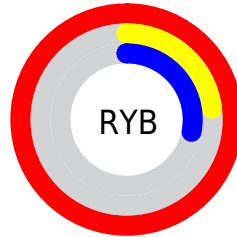
# Distribution



Red (99%)

Green (23%)

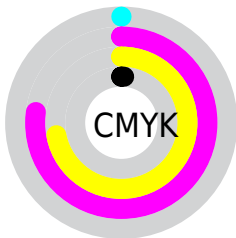
Blue (28%)



Red (99%)

Yellow (23%)

Blue (28%)

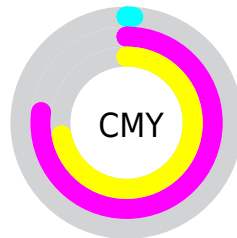


Cyan (0%)

Magenta (77%)

Yellow (72%)

Black (1%)



Cyan (1%)

Magenta (77%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FD3B47 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 FD3B47 by changing the saturation by 10% instead.



 FD3B47

 FD3B47

FFFFFF

 DC0930

 FF7A78

 BC001B

 FF9792

 9C0004

 FFB5AC

 7C0000

 FFD3C8

 5C0002

 FFF1E4

 3F0003

 1B0001

 000000

 FD3B47

 FD3B47

 FD222F

 FD545F

 FD0818

 FD6E76

 FD0010

 FD878E

 FDA0A6

 FDBABE

 FDD3D5

 FDECED

FDFFFF

# Harmonies

## Analogous

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



FF238D



FD3B47



DC6500

# Triad

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



FD3B47



00A137



0092FF

# Complementary

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



FD3B47



3BDFD1

# 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.



00A1FF



FD3B47



00A683

# Square

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



FD3B47



5F9700



00A6CC



7875FF

# Rectangle

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



FD3B47



BA7B00



00A6CC



0098FF



# Sweetspot

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



FD3B47



FFC4C8



F03BFD



805C5E



000000



808080



# Same Dimension

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



FD3B47



FF1423



FD8F3B



807374



BF000C



400004



# Inverse Universe

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



FD3B47



FF1423



3BA9FD



807374



BF000C



400004



# Previews

## White Background



This preview shows how the Hex color FD3B47 looks on a white background.

## Color Contrast Check

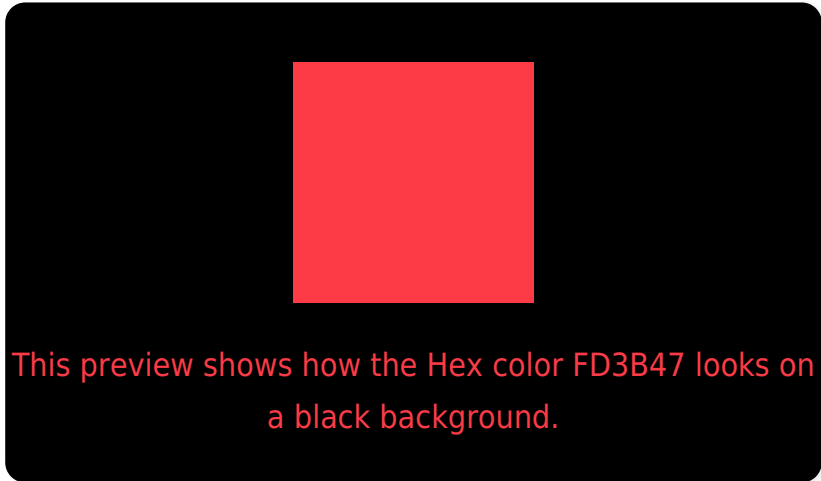
Large Text (above 18pt) WCAG AA ✓ Pass

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 FD3B47 Background



This preview shows how black text looks on a background with the Hex color FD3B47.



This preview shows how white text looks on a background with the Hex color FD3B47.

# 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



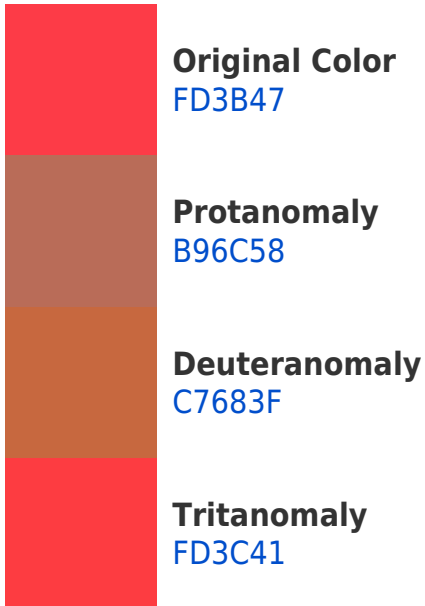
**Original Color**  
FD3B47

**Protanopia**  
928861

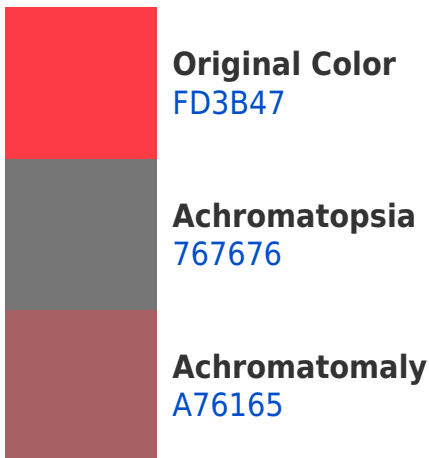
**Deuteranopia**  
A8813B



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FD3B47 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 #FD3B47 looks like.

```
.text, #text, p{  
    color:#FD3B47  
}
```

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 #FD3B47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD3B47
}
```

## Border

The CSS property to change the border of an element to Hex FD3B47 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
#FD3B47 }
```

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

```
.border{ border-color:#FD3B47 }
```

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

Here you see how a box with a 4 pixel #FD3B47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD3B47; -webkit-box-shadow:4px 4px  
4px 4px #FD3B47; box-shadow:4px 4px 4px  
4px #FD3B47 }
```

# Background

The CSS property to change the background color of an element to Hex FD3B47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD3B47 }
```

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

```
.background{ background-color:#FD3B47 }
```

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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