

# Converting Colors

Hex(FD3E58)

Have a look what the booklet for  
Hex(FD3E58) contains.

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# Color

**Hex(FD3E58)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FD3E58
RGB	253, 62, 88
RGB Percent	99%, 24%, 35%
CMY	0.0078, 0.7569, 0.6549
CMYK	0.00, 0.75, 0.65, 0.01
HSL	352°, 98%, 62%
HSV	352°, 75%, 99%
XYZ	43.9921, 25.0325, 11.7456
YIQ	122.0730, 105.4900, 48.5780

# Conversions

## Conversions Part 2

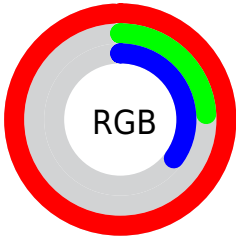
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	253, 62, 88
Decimal	16596568
CIE Lab	57.11, 71.65, 30.84
CIE LCh	57, 78.005, 23.288
Yxy	25.0325, 0.5447, 0.3099
Android (android.graphics.Color)	4294786648 (0xFFFD3E58)
YUV	122.0730, -16.7980, 114.8230
Hunter-Lab	50.0325, 69.3930, 21.1038

# Details

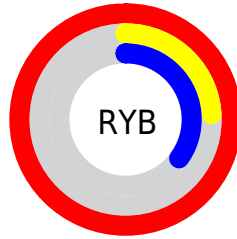
The Hex color **FD3E58** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **3EFDE3**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF7C8A**, and **BD002B** is the 20% darker color. If you saturate the color by 10%, you get **FD2542**, and if you desaturate by 10%, it is **FD576E**.

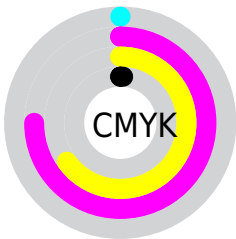
# Distribution



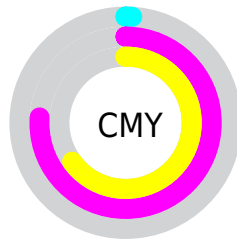
- Red (99%)
- Green (24%)
- Blue (35%)



- Red (99%)
- Yellow (24%)
- Blue (35%)



- Cyan (0%)
- Magenta (75%)
- Yellow (65%)
- Black (1%)



- Cyan (1%)
- Magenta (76%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FD3E58 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 FD3E58 by changing the saturation by 10% instead.



 FD3E58

 FD3E58

FFFFFF

 DD1141

 FF7C8A

 BD002B

 FF9AA4

 9D0017

 FFB7BF

 7E0000

 FFD5DB

 5E0002

 FFF3F7

 400003

 1E0001

 000000

 FD3E58

 FD3E58

 FD2542

 FD576E

 FD0B2C

 FD7184

 FD0022

 FD8A9A

 FDA3AF

 FDBCC5

 FDD6DB

 FDEFF1

 FDFFFF

# Harmonies

## Analogous

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



F8379B



FD3E58



E26212

# Triad

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



FD3E58



00A02E



0096FF

# Complementary

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



FD3E58



3EFDE3

# 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.



00A3F6



FD3E58



00A677

# Square

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



FD3E58



739500



00A7BD



5E7EFF

# Rectangle

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



FD3E58



C47800



00A7BD



009CFF



# Sweetspot

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



FD3E58



FFC4CC



E03EFD



805C61



000000



808080



# Same Dimension

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



FD3E58



FF1737



FD813E



807374



BF001A



400009



# Inverse Universe

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



FD3E58



FF1737



3EBAFD



807374



BF001A



400009



# Previews

## White Background



This preview shows how the Hex color FD3E58 looks on a white background.

## Color Contrast Check

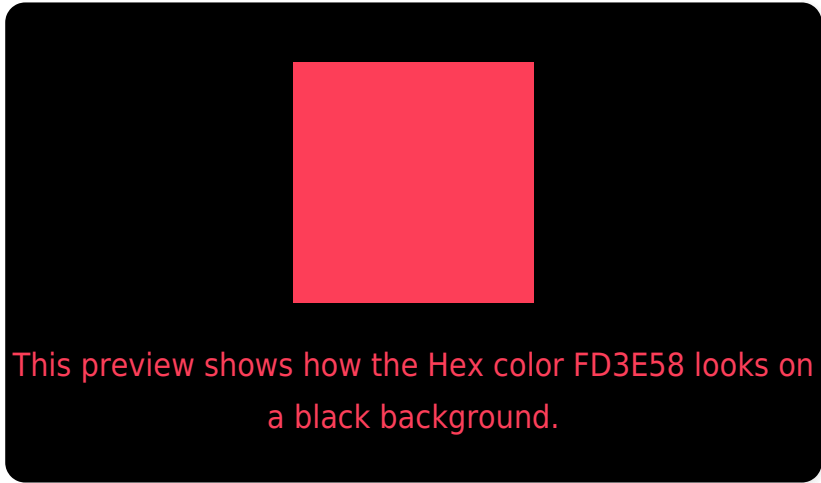
Large Text (above 18pt) WCAG AA ✓ Pass

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 FD3E58 Background



This preview shows how black text looks on a background with the Hex color FD3E58.



This preview shows how white text looks on a background with the Hex color FD3E58.

# 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



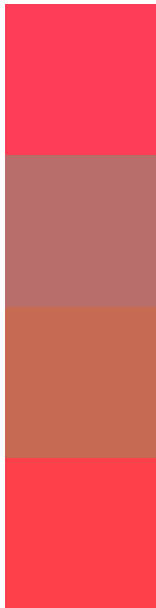
**Original Color**  
FD3E58

**Protanopia**  
908976

**Deuteranopia**  
A7834E



# Trichromacy



**Original Color**  
FD3E58

**Protanomaly**  
B86E6B

**Deuteranomaly**  
C66A52

**Tritanomaly**  
FC414B

# Monochromacy



**Original Color**  
FD3E58

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
AA646E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FD3E58 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 #FD3E58 looks like.

```
.text, #text, p{  
    color:#FD3E58  
}
```

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 #FD3E58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD3E58
}
```

## Border

The CSS property to change the border of an element to Hex FD3E58 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
#FD3E58 }
```

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

```
.border{ border-color:#FD3E58 }
```

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

Here you see how a box with a 4 pixel #FD3E58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD3E58; -webkit-box-shadow:4px 4px  
4px 4px #FD3E58; box-shadow:4px 4px 4px  
4px #FD3E58 }
```

# Background

The CSS property to change the background color of an element to Hex FD3E58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD3E58 }
```

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

```
.background{ background-color:#FD3E58 }
```

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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