

# Converting Colors

Hex(FF3E53)

Have a look what the booklet for  
Hex(FF3E53) contains.

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# Color

**Hex(F F 3 E 5 3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF3E53
RGB	255, 62, 83
RGB Percent	100%, 24%, 33%
CMY	0.0000, 0.7569, 0.6745
CMYK	0.00, 0.76, 0.67, 0.00
HSL	353°, 100%, 62%
HSV	353°, 76%, 100%
XYZ	44.5240, 25.3298, 10.7261
YIQ	122.1010, 108.2870, 47.4470

# Conversions

## Conversions Part 2

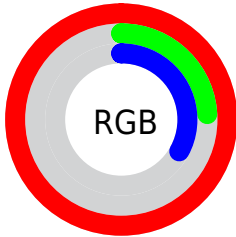
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 62, 83
Decimal	16727635
CIE <sub>Lab</sub>	57.40, 71.96, 34.18
CIE <sub>LCh</sub>	57, 79.663, 25.404
Yxy	25.3298, 0.5525, 0.3143
Android (android.graphics.Color)	4294917715 (0xFFFF3E53)
YUV	122.1010, -19.2768, 116.5524
Hunter-Lab	50.3287, 69.8372, 22.5942

# Details

The Hex color **FF3E53** 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 **3EFFEA**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF7D84**, and **BE0026** is the 20% darker color. If you saturate the color by 10%, you get **FF243C**, and if you desaturate by 10%, it is **FF586A**.

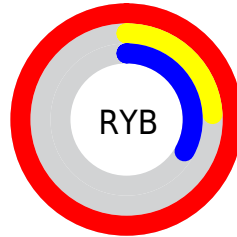
# Distribution



Red (100%)

Green (24%)

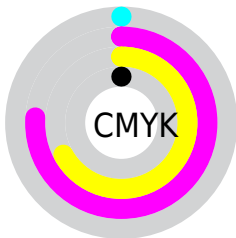
Blue (33%)



Red (100%)

Yellow (24%)

Blue (33%)

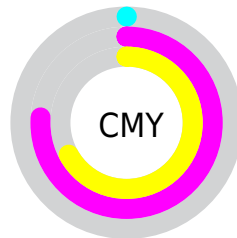


Cyan (0%)

Magenta (76%)

Yellow (67%)

Black (0%)



Cyan (0%)

Magenta (76%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF3E53 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 FF3E53 by changing the saturation by 10% instead.



 FF3E53

 FF3E53

FFFFFF

 DE113C

 FF7D84

 BE0026

 FF9A9F

 9E0013

 FFB8BA

 7F0000

 FFD5D5

 5F0002

 FFF3F2

 420003

 1F0001

 000000

 FF3E53

 FF3E53

 FF243C

 FF586A

 FF0B26

 FF7180

 FF001C

 FF8B97

 FFA4AE

 FFBEC5

 FFD7DB

 FFF1F2

FFFFFF

# Harmonies

## Analogous

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



FD3298



FF3E53



E26403

# Triad

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



FF3E53



00A232



0096FF

# Complementary

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



FF3E53



3EFFEA

# 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.



00A3FC



FF3E53



00A77D

# Square

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



FF3E53



6D9700



00A8C4



697CFF

# Rectangle

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



FF3E53



C27A00



00A8C4



009CFF



# Sweetspot

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



FF3E53



FFC4CB



E83EFF



805C60



000000



808080



# Same Dimension

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



FF3E53



FF1730



FF883E



807374



BF0015



400007



# Inverse Universe

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



FF3E53



FF1730



3EB5FF



807374



BF0015



400007



# Previews

## White Background



This preview shows how the Hex color FF3E53 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 FF3E53 Background



This preview shows how black text looks on a background with the Hex color FF3E53.



This preview shows how white text looks on a background with the Hex color FF3E53.

# 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



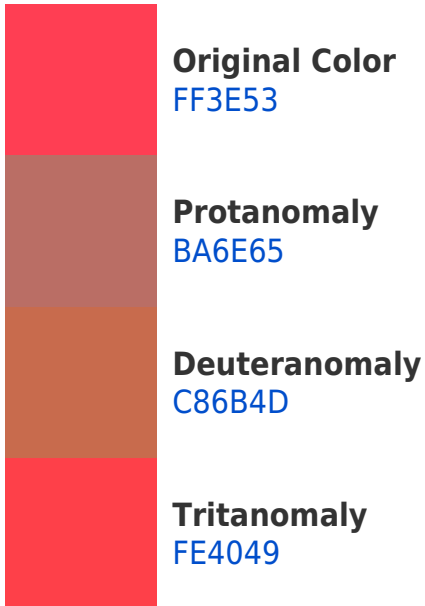
**Original Color**  
FF3E53

**Protanopia**  
928A70

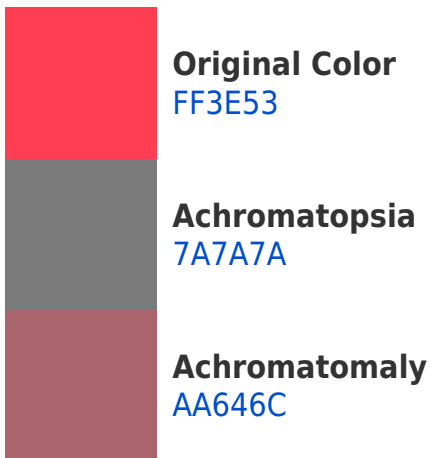
**Deuteranopia**  
A98449



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF3E53 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 #FF3E53 looks like.

```
.text, #text, p{  
    color:#FF3E53  
}
```

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 #FF3E53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF3E53
}
```

## Border

The CSS property to change the border of an element to Hex FF3E53 is called "border". The border property can be set on classes, ids or directly on the HTML element.

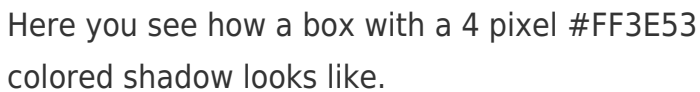
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FF3E53 }
```

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

```
.border{ border-color:#FF3E53 }
```

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



Here you see how a box with a 4 pixel #FF3E53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF3E53; -webkit-box-shadow:4px 4px  
4px 4px #FF3E53; box-shadow:4px 4px 4px  
4px #FF3E53 }
```

# Background

The CSS property to change the background color of an element to Hex FF3E53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF3E53 }
```

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

```
.background{ background-color:#FF3E53 }
```

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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