

Converting Colors

Hex(FF4153)

Have a look what the booklet for
Hex(FF4153) contains.

Hex(FF4153)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F4153)

Conversions

Conversions Part 1

Format	Color
Hex	FF4153
RGB	255, 65, 83
RGB Percent	100%, 25%, 33%
CMY	0.0000, 0.7451, 0.6745
CMYK	0.00, 0.75, 0.67, 0.00
HSL	354°, 100%, 63%
HSV	354°, 75%, 100%
XYZ	44.6916, 25.6651, 10.7820
YIQ	123.8620, 107.4620, 45.8780

Conversions

Conversions Part 2

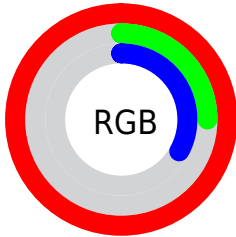
Format	Color
R_{YB}	255, 65, 83
Decimal	16728403
CIE _{Lab}	57.72, 71.06, 34.57
CIE _{LCh}	58, 79.020, 25.944
Yxy	25.6651, 0.5508, 0.3163
Android (android.graphics.Color)	4294918483 (0xFFFF4153)
YUV	123.8620, -20.1450, 115.0080
Hunter-Lab	50.6608, 68.8118, 22.8440

Details

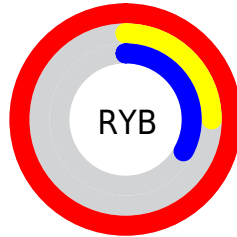
The Hex color **FF4153** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed red. A complement of this color would be **41FFED**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF7F84**, and **BE0026** is the 20% darker color. If you saturate the color by 10%, you get **FF273C**, and if you desaturate by 10%, it is **FF5A6A**.

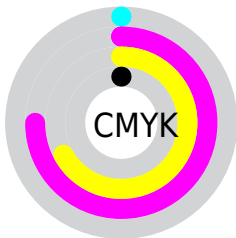
Distribution



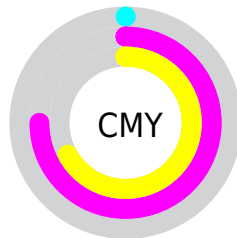
- Red (100%)
- Green (25%)
- Blue (33%)



- Red (100%)
- Yellow (25%)
- Blue (33%)



- Cyan (0%)
- Magenta (75%)
- Yellow (67%)
- Black (0%)



- Cyan (0%)
- Magenta (75%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF4153 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 FF4153 by changing the saturation by 10% instead.

 FF4153

 FF4153

FFFFFF

 DF183C

 FF7F84

 BE0026

 FF9C9F

 9E0012

 FFBABA

 7F0000

 FFD7D5

 5F0002

 FFF5F2

 420003

 200001

 000000

 FF4153

 FF4153

 FF273C

 FF5A6A

 FF0E25

 FF7481

 FF0018

 FF8E98

 FFA7AF

 FFC1C6

 FFDAAE

 FFF3F5

FFFFFF

Harmonies

Analogous

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



FD3597



FF4153



E26605

Triad

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



FF4153



00A336



0096FF

Complementary

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



FF4153



41FFED

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.



00A4FD



FF4153



00A87F

Square

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



FF4153



6D9800



00A9C6



6E7CFF

Rectangle

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



FF4153



C27C00



00A9C6



009CFF

Sweetspot

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



FF4153



FFC7CC



EC41FF



805E61



000000



808080

Same Dimension

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



FF4153



FF1C32



FF8D41



807374



BF0012



400006

Inverse Universe

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



FF4153



FF1C32



41B3FF



807374



BF0012



400006

Previews

White Background



This preview shows how the Hex color FF4153 looks on a white background.

Color Contrast Check

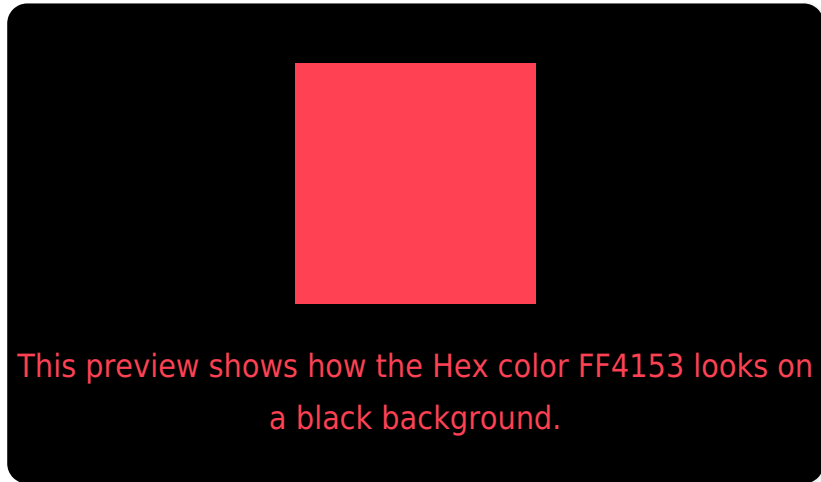
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF4153 Background



This preview shows how black text looks on a background with the Hex color FF4153.



This preview shows how white text looks on a background with the Hex color FF4153.

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
FF4153

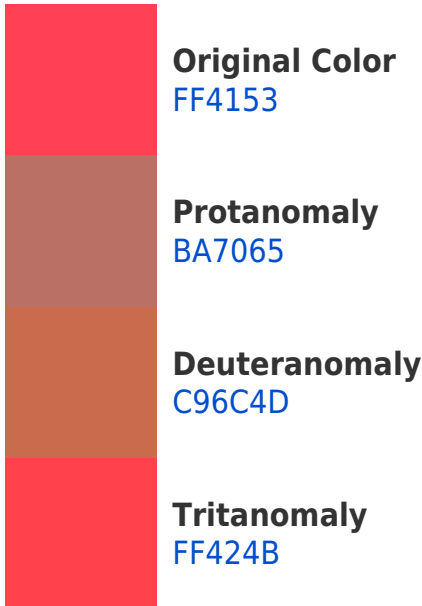
Protanopia
938B6F

Deuteranopia
AA8449

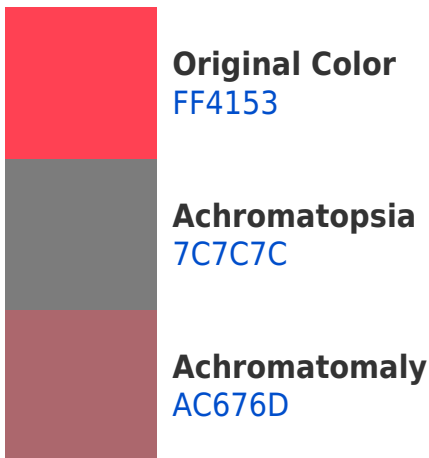


Tritanopia
FF4346

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF4153 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 #FF4153 looks like.

```
.text, #text, p{  
    color:#FF4153  
}
```

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 #FF4153 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF4153
}
```

Border

The CSS property to change the border of an element to Hex FF4153 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
#FF4153 }
```

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

```
.border{ border-color:#FF4153 }
```

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

Here you see how a box with a 4 pixel #FF4153 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF4153; -webkit-box-shadow:4px 4px  
4px 4px #FF4153; box-shadow:4px 4px 4px  
4px #FF4153 }
```

Background

The CSS property to change the background color of an element to Hex FF4153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF4153 }
```

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

```
.background{ background-color:#FF4153 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor