

Converting Colors

Hex(FF4559)

Have a look what the booklet for
Hex(FF4559) contains.

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Color

Hex(F4559)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FF4559 |
| RGB | 255, 69, 89 |
| RGB Percent | 100%, 27%, 35% |
| CMY | 0.0000, 0.7294, 0.6510 |
| CMYK | 0.00, 0.73, 0.65, 0.00 |
| HSL | 354°, 100%, 64% |
| HSV | 354°, 73%, 100% |
| XYZ | 45.1713, 26.2375, 12.1347 |
| YIQ | 126.8940, 104.4360, 45.6520 |

Conversions

Conversions Part 2

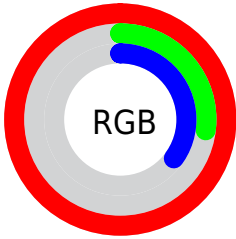
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 255, 69, 89 |
| Decimal | 16729433 |
| CIE _{Lab} | 58.26, 70.10, 31.79 |
| CIE _{LCh} | 58, 76.970, 24.395 |
| Yxy | 26.2375, 0.5407, 0.3141 |
| Android (android.graphics.Color) | 4294919513 (0xFFFF4559) |
| YUV | 126.8940, -18.6817, 112.3490 |
| Hunter-Lab | 51.2226, 67.7731, 21.8099 |

Details

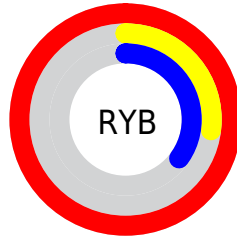
The Hex color **FF4559** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed red. A complement of this color would be **45FFEB**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF828B**, and **BF002C** is the 20% darker color. If you saturate the color by 10%, you get **FF2B42**, and if you desaturate by 10%, it is **FF5E70**.

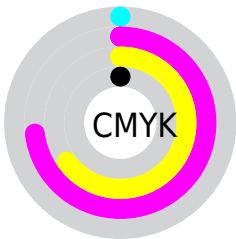
Distribution



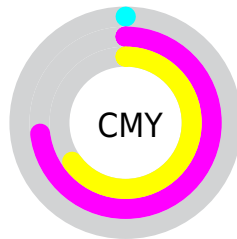
- Red (100%)
- Green (27%)
- Blue (35%)



- Red (100%)
- Yellow (27%)
- Blue (35%)



- Cyan (0%)
- Magenta (73%)
- Yellow (65%)
- Black (0%)



- Cyan (0%)
- Magenta (73%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF4559 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 FF4559 by changing the saturation by 10% instead.

 FF4559

 FF4559

FFFFFF

 DF1F42

 FF828B

 BF002C

 FF9FA5

 9F0018

 FFBDC0

 800000

 FFDADC

 600001

 FFF8F9

 430003

 210001

 000000

 FF4559

 FF4559

 FF2B42

 FF5E70

 FF122B

 FF7887

 FF001B

 FF929D

 FFABB4

 FFC4CB

 FFDEE2

 FFF7F8

FFFFFF

Harmonies

Analogous

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



FB3D9C



FF4559



E46715

Triad

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



FF4559



00A436



0098FF

Complementary

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



FF4559



45FFEB

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.



00A5FA



FF4559



00A97D

Square

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



FF4559



749900



00AAC2



6980FF

Rectangle

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



FF4559



C57C00



00AAC2



009EFF

Sweetspot

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



FF4559



FFC7CD



E945FF



805E62



000000



808080

Same Dimension

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



FF4559



FF1F37



FF8C45



807374



BF0015



400007

Inverse Universe

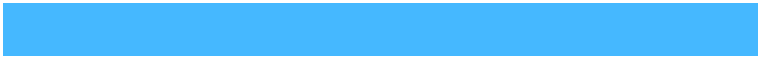
The Inverse Universe completely reimagines the original color for something new.



FF4559



FF1F37



45B8FF



807374



BF0015



400007

Previews

White Background



This preview shows how the Hex color FF4559 looks on a white background.

Color Contrast Check

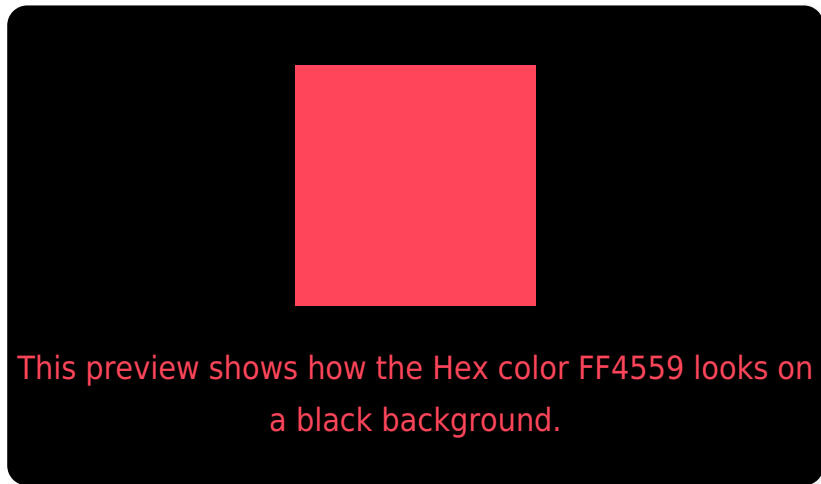
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF4559 Background



This preview shows how black text looks on a background with the Hex color FF4559.



This preview shows how white text looks on a background with the Hex color FF4559.

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
FF4559

Protanopia
948C76

Deuteranopia
AB864F



Tritanopia
FE484B

Trichromacy



Original Color
FF4559

Protanomaly
BB726B

Deuteranomaly
CA6E53

Tritanomaly
FE4750

Monochromacy



Original Color
FF4559

Achromatopsia
7F7F7F

Achromatomaly
AE6A71

CSS Examples

Text

The CSS property to change the color of the text to Hex FF4559 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 #FF4559 looks like.

```
.text, #text, p{  
    color:#FF4559  
}
```

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 #FF4559 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF4559
}
```

Border

The CSS property to change the border of an element to Hex FF4559 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".

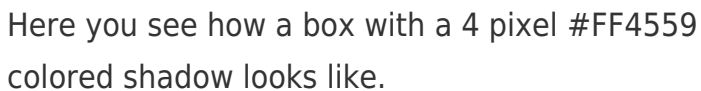
```
.border, #border, table{ border:4px solid
#FF4559 }
```

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

```
.border{ border-color:#FF4559 }
```

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

Here you see how a box with a 4 pixel #FF4559 colored shadow looks like.

A rectangular box with a red border and a red shadow. The box is white with a red border and a red shadow. The shadow is a 4px red shadow.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF4559; -webkit-box-shadow:4px 4px  
4px 4px #FF4559; box-shadow:4px 4px 4px  
4px #FF4559 }
```

Background

The CSS property to change the background color of an element to Hex FF4559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF4559 }
```

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

```
.background{ background-color:#FF4559 }
```

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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