

# Converting Colors

Hex(F4749)

Have a look what the booklet for  
Hex(FF4749) contains.

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**Color**

**Hex(F4749)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF4749
RGB	255, 71, 73
RGB Percent	100%, 28%, 29%
CMY	0.0000, 0.7216, 0.7137
CMYK	0.00, 0.72, 0.71, 0.00
HSL	359°, 100%, 64%
HSV	359°, 72%, 100%
XYZ	44.6958, 26.2475, 9.0139
YIQ	126.2440, 109.0220, 39.6300

# Conversions

## Conversions Part 2

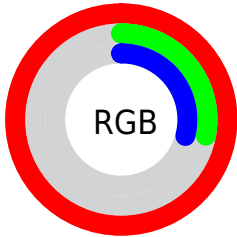
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 71, 73
Decimal	16729929
CIE <sub>Lab</sub>	58.27, 68.68, 40.89
CIE <sub>LCh</sub>	58, 79.932, 30.766
Yxy	26.2475, 0.5590, 0.3283
Android (android.graphics.Color)	4294920009 (0xFFFF4749)
YUV	126.2440, -26.2493, 112.9190
Hunter-Lab	51.2323, 66.0694, 25.4311

# Details

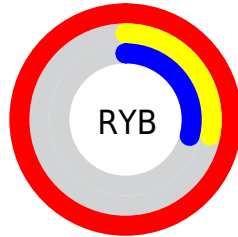
The Hex color **FF4749** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **47FFFD**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF837A**, and **BE001C** is the 20% darker color. If you saturate the color by 10%, you get **FF2E30**, and if you desaturate by 10%, it is **FF6162**.

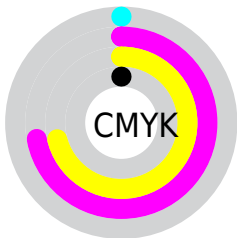
# Distribution



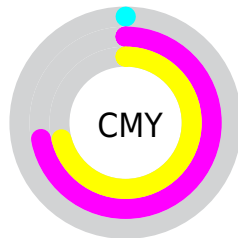
- Red (100%)
- Green (28%)
- Blue (29%)



- Red (100%)
- Yellow (28%)
- Blue (29%)



- Cyan (0%)
- Magenta (72%)
- Yellow (71%)
- Black (0%)



- Cyan (0%)
- Magenta (72%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF4749 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 FF4749 by changing the saturation by 10% instead.



 FF4749

 FF4749

FFFFFF

 DE2332

 FF837A

 BE001C

 FFA094

 9E0006

 FFBEAF

 7E0000

 FFDBCA

 5F0001

 FFF9E6

 420003

 200001

 000000

 FF4749

 FF4749

 FF2E30

 FF6162

 FF1417

 FF7A7B

 FF0003

 FF9395

 FFADAE

 FFC7C7

 FFE0E0

 FFFAFA

FFFFFF

# Harmonies

## Analogous

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



FF328D



FF4749



DD6D00

# Triad

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



FF4749



00A642



0095FF

# Complementary

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



FF4749



47FFFD

# 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.



00A4FF



FF4749



00AA8C

# Square

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



FF4749



619C00



00AAD2



8678FF

# Rectangle

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



FF4749



BB8100



00AAD2



009BFF



# Sweetspot

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



FF4749



FFC7C8



FC47FF



805E5F



000000



808080



# Same Dimension

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



FF4749



FF2124



FFA047



807373



BF0002



400001



# Inverse Universe

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



FF4749



FF2124



47A6FF



807373



BF0002



400001



# Previews

## White Background



This preview shows how the Hex color FF4749 looks on a white background.

## Color Contrast Check

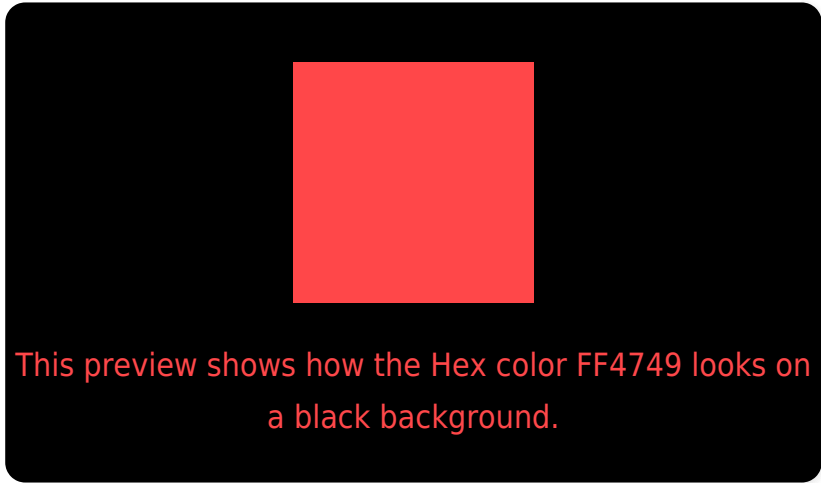
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF4749 Background



This preview shows how black text looks on a background with the Hex color FF4749.



This preview shows how white text looks on a background with the Hex color FF4749.

# 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**  
FF4749

**Protanopia**  
988C61

**Deuteranopia**  
AE863E



**Tritanopia**  
FF474A

# Trichromacy



**Original Color**  
FF4749

**Protanomaly**  
BD7358

**Deuteranomaly**  
CB6F42

**Tritanomaly**  
FF474A

# Monochromacy



**Original Color**  
FF4749

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
AD6A6B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF4749 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 #FF4749 looks like.

```
.text, #text, p{  
    color:#FF4749  
}
```

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 #FF4749 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF4749
}
```

## Border

The CSS property to change the border of an element to Hex FF4749 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
#FF4749 }
```

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

```
.border{ border-color:#FF4749 }
```

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

Here you see how a box with a 4 pixel #FF4749 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF4749; -webkit-box-shadow:4px 4px  
4px 4px #FF4749; box-shadow:4px 4px 4px  
4px #FF4749 }
```

# Background

The CSS property to change the background color of an element to Hex FF4749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF4749 }
```

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

```
.background{ background-color:#FF4749 }
```

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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