

# Converting Colors

Hex(FF476C)

Have a look what the booklet for  
Hex(FF476C) contains.

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# Color

Hex(**FF476C**)

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | FF476C                     |
| RGB         | 255, 71, 108               |
| RGB Percent | 100%, 28%, 42%             |
| CMY         | 0.0000, 0.7216, 0.5765     |
| CMYK        | 0.00, 0.72, 0.58, 0.00     |
| HSL         | 348°, 100%, 64%            |
| HSV         | 348°, 72%, 100%            |
| XYZ         | 46.2000, 26.8492, 16.9348  |
| YIQ         | 130.2340, 97.7870, 50.5150 |

# Conversions

## Conversions Part 2

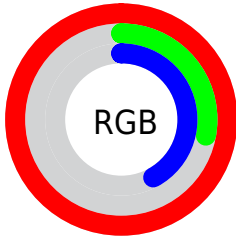
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 255, 71, 108                    |
| Decimal                             | 16729964                        |
| CIELab                              | 58.83, 70.57, 21.47             |
| CIElCh                              | 59, 73.762, 16.921              |
| Yxy                                 | 26.8492, 0.5134,<br>0.2984      |
| Android<br>(android.graphics.Color) | 4294920044<br>(0xFFFF476C)      |
| YUV                                 | 130.2340, -10.9614,<br>109.4198 |
| Hunter-Lab                          | 51.8162, 68.4746,<br>16.8940    |

# Details

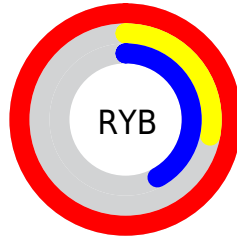
The Hex color **FF476C** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **47FFDA**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FF849F**, and **BF003D** is the 20% darker color. If you saturate the color by 10%, you get **FF2E58**, and if you desaturate by 10%, it is **FF6180**.

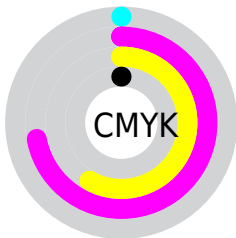
# Distribution



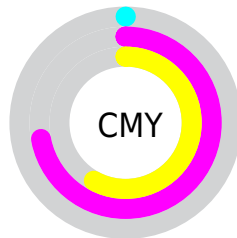
- Red (100%)
- Green (28%)
- Blue (42%)



- Red (100%)
- Yellow (28%)
- Blue (42%)



- Cyan (0%)
- Magenta (72%)
- Yellow (58%)
- Black (0%)



- Cyan (0%)
- Magenta (72%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF476C 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 FF476C by changing the saturation by 10% instead.



 FF476C

 FF476C

FFFFFF

 DF2254

 FF849F

 BF003D

 FFA1BA

 A00028

 FFBFD6

 810014

 FFDCF2

 620001

 FFFAFF

 450003

 240001

 000000

 FF476C

 FF476C

■ FF2E58

■ FF6180

■ FF1443

■ FF7A95

■ FF0033

■ FF93A9

■ FFADBD

■ FFC7D2

■ FFE0E6

■ FFFAFB

FFFFFF

# Harmonies

## Analogous

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



F24AAD



FF476C



EC632F

# Triad

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



FF476C



32A22A



009DFF

# Complementary

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



FF476C



47FFDA

# 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.



00A8EB



FF476C



00A96E

# Square

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



FF476C



889600



00ABB1



4089FF

# Rectangle

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



FF476C



D27700



00ABB1



00A2FF



# Sweetspot

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



FF476C



FFC7D2



D747FF



805E65



000000



808080



# Same Dimension

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



FF476C



FF214E



FF7B47



807375



BF0026



40000D



# Inverse Universe

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



FF476C



FF214E



47CBFF



807375



BF0026



40000D



# Previews

## White Background



This preview shows how the Hex color FF476C looks on a white background.

## Color Contrast Check

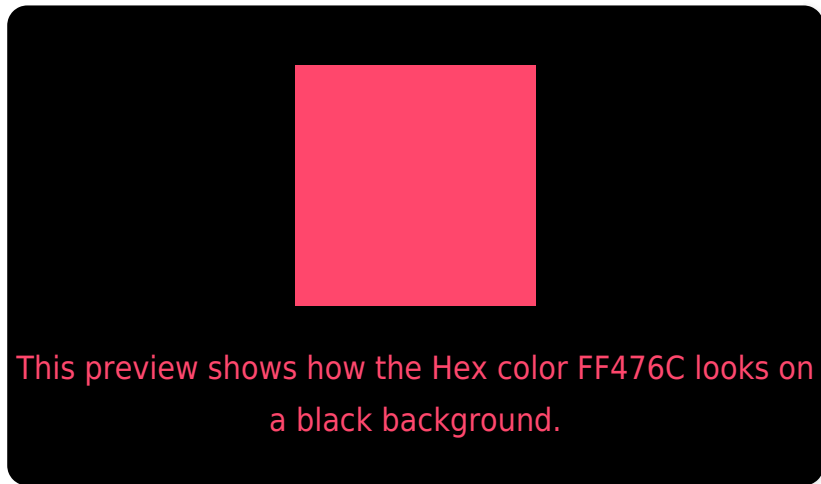
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF476C Background



This preview shows how black text looks on a background with the Hex color FF476C.



This preview shows how white text looks on a background with the Hex color FF476C.

# 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



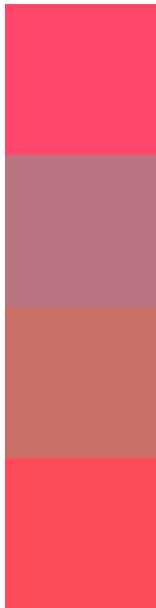
**Original Color**  
FF476C

**Protanopia**  
908D8D

**Deuteranopia**  
A98863



# Trichromacy



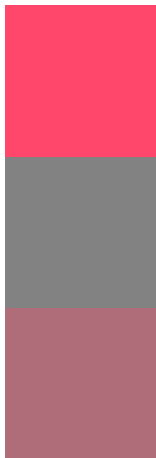
**Original Color**  
FF476C

**Protanomaly**  
B87481

**Deuteranomaly**  
C87066

**Tritanomaly**  
FE4B5A

# Monochromacy



**Original Color**  
FF476C

**Achromatopsia**  
828282

**Achromatomaly**  
AF6D7A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF476C 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 #FF476C looks like.

```
.text, #text, p{  
    color:#FF476C  
}
```

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 #FF476C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF476C
}
```

## Border

The CSS property to change the border of an element to Hex FF476C 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
#FF476C }
```

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

```
.border{ border-color:#FF476C }
```

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

Here you see how a box with a 4 pixel #FF476C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF476C; -webkit-box-shadow:4px 4px  
4px 4px #FF476C; box-shadow:4px 4px 4px  
4px #FF476C }
```

# Background

The CSS property to change the background color of an element to Hex FF476C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF476C }
```

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

```
.background{ background-color:#FF476C }
```

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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