

# Converting Colors

Hex(FF3C76)

Have a look what the booklet for  
Hex(FF3C76) contains.

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# Color

**Hex(F3C76)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FF3C76
RGB	255, 60, 118
RGB Percent	100%, 24%, 46%
CMY	0.0000, 0.7647, 0.5373
CMYK	0.00, 0.76, 0.54, 0.00
HSL	342°, 100%, 62%
HSV	342°, 76%, 100%
XYZ	46.1259, 25.7997, 19.6883
YIQ	124.9170, 97.6020, 59.3780

# Conversions

## Conversions Part 2

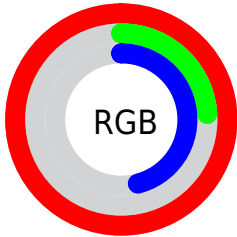
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 60, 118
Decimal	16727158
CIE <sub>Lab</sub>	57.85, 74.62, 14.23
CIE <sub>LCh</sub>	58, 75.961, 10.794
Yxy	25.7997, 0.5035, 0.2816
Android (android.graphics.Color)	4294917238 (0xFFFF3C76)
YUV	124.9170, -3.4101, 114.0828
Hunter-Lab	50.7934, 73.2086, 12.5737

# Details

The Hex color **FF3C76** 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 **3CFFC5**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF7CAA**, and **C00046** is the 20% darker color. If you saturate the color by 10%, you get **FF2264**, and if you desaturate by 10%, it is **FF5688**.

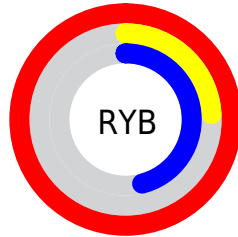
# Distribution



Red (100%)

Green (24%)

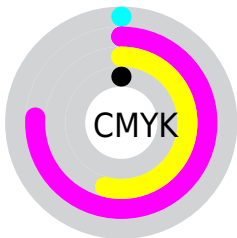
Blue (46%)



Red (100%)

Yellow (24%)

Blue (46%)

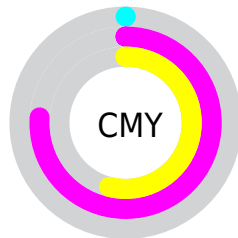


Cyan (0%)

Magenta (76%)

Yellow (54%)

Black (0%)



Cyan (0%)

Magenta (76%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF3C76 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 FF3C76 by changing the saturation by 10% instead.



 FF3C76

 FF3C76

FFFFFF

 DF085E

 FF7CAA

 C00046

 FF9AC5

 A00030

 FFB7E1

 81001C

 FFD5FD

 630002

 FFF4FF

 450003

 240001

 000000

 FF3C76

 FF3C76

 FF2264

 FF5688

 FF0952

 FF6F9A

 FF004C

 FF89AC

 FFA2BE

 FFBCD0

 FFD5E1

 FFEFF3

FFFFFF

# Harmonies

## Analogous

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



EA49B8



FF3C76



F15736

# Triad

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



FF3C76



449E0E



009EFF

# Complementary

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



FF3C76



3CFFC5

# 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.



00A7E1



FF3C76



00A65C

# Square

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



FF3C76



929000



00A8A2



008BFF

# Rectangle

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



FF3C76



D96E00



00A8A2



00A2FF



# Sweetspot

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



FF3C76



FFC4D6



C53CFF



805C66



000000



808080



# Same Dimension

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



FF3C76



FF145A



FF633C



807377



BF0039



400013



# Inverse Universe

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



FF3C76



FF145A



3CD8FF



807377



BF0039



400013



# Previews

## White Background



This preview shows how the Hex color FF3C76 looks on a white background.

## Color Contrast Check

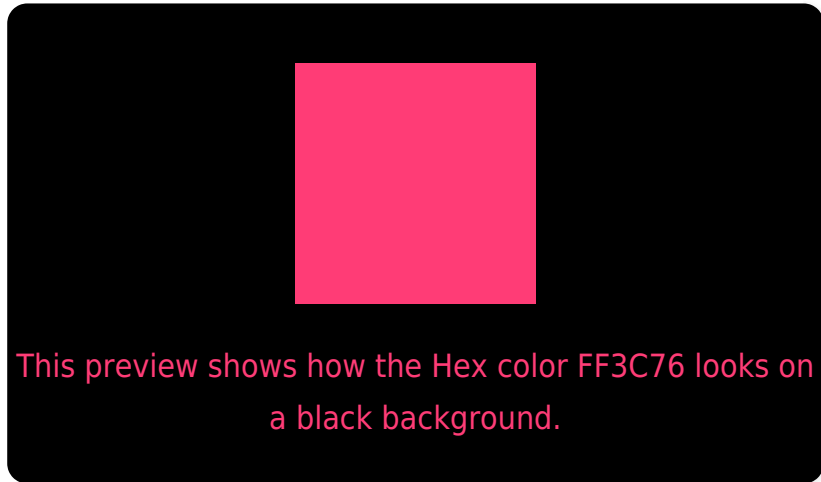
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF3C76 Background



This preview shows how black text looks on a background with the Hex color FF3C76.



This preview shows how white text looks on a background with the Hex color FF3C76.

# 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





**Tritanopia**  
FD474A

# Trichromacy



**Original Color**  
FF3C76



**Protanomaly**  
B36E8F



**Deuteranomaly**  
C46B70

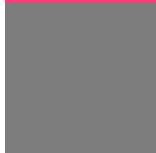


**Tritanomaly**  
FE435A

# Monochromacy



**Original Color**  
FF3C76



**Achromatopsia**  
7D7D7D



**Achromatomaly**  
AC657A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF3C76 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 #FF3C76 looks like.

```
.text, #text, p{  
    color:#FF3C76  
}
```

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 #FF3C76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF3C76
}
```

## Border

The CSS property to change the border of an element to Hex FF3C76 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
#FF3C76 }
```

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

```
.border{ border-color:#FF3C76 }
```

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

Here you see how a box with a 4 pixel #FF3C76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF3C76; -webkit-box-shadow:4px 4px  
4px 4px #FF3C76; box-shadow:4px 4px 4px  
4px #FF3C76 }
```

# Background

The CSS property to change the background color of an element to Hex FF3C76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF3C76 }
```

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

```
.background{ background-color:#FF3C76 }
```

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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