

# Converting Colors

Hex(FF3788)

Have a look what the booklet for  
Hex(FF3788) contains.

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**Color**

**Hex(F3788)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FF3788
RGB	255, 55, 136
RGB Percent	100%, 22%, 53%
CMY	0.0000, 0.7843, 0.4667
CMYK	0.00, 0.78, 0.47, 0.00
HSL	336°, 100%, 61%
HSV	336°, 78%, 100%
XYZ	47.0501, 25.7700, 25.7868
YIQ	124.0340, 93.1990, 67.5910

# Conversions

## Conversions Part 2

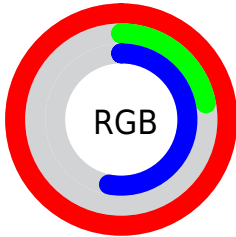
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">255, 55, 136</a>
Decimal	<a href="#">16725896</a>
<a href="#">CIELab</a>	<a href="#">57.82, 77.35, 3.53</a>
<a href="#">CIElCh</a>	<a href="#">58, 77.428, 2.615</a>
<a href="#">Yxy</a>	<a href="#">25.7700, 0.4771, 0.2613</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4294915976 (0xFFFF3788)</a>
<a href="#">YUV</a>	<a href="#">124.0340, 5.8992, 114.8572</a>
<a href="#">Hunter-Lab</a>	<a href="#">50.7641, 76.6034, 5.4171</a>

# Details

The Hex color **FF3788** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **37FFAE**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF79BD**, and **C00057** is the 20% darker color. If you saturate the color by 10%, you get **FF1D79**, and if you desaturate by 10%, it is **FF5197**.

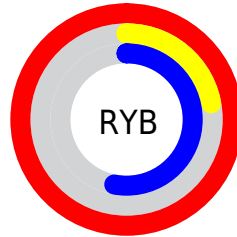
# Distribution



Red (100%)

Green (22%)

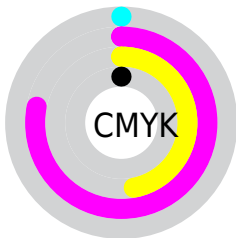
Blue (53%)



Red (100%)

Yellow (22%)

Blue (53%)

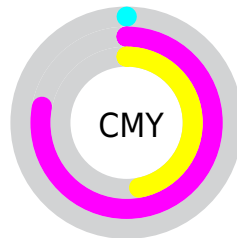


Cyan (0%)

Magenta (78%)

Yellow (47%)

Black (0%)



Cyan (0%)

Magenta (78%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF3788 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 FF3788 by changing the saturation by 10% instead.



 FF3788

 FF3788

FFFFFF

 DF006F

 FF79BD

 C00057

 FF97D9

 A10040

 FFB5F5

 82002A

 FFD3FF

 640016

 FFF1FF

 470004

 260001

 000000

 FF3788

 FF3788

■ FF1D79

■ FF5197

■ FF046A

■ FF6AA6

■ FF0067

■ FF84B6

■ FF9DC5

■ FFB6D4

■ FFD0E3

■ FFEAF2

FFFFFF

# Harmonies

## Analogous

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



DF50CA



FF3788



F94C46

# Triad

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



FF3788



5C9B00



00A2FF

# Complementary

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



FF3788



37FFAE

# 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.



00A8D3



FF3788



00A448

# Square

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



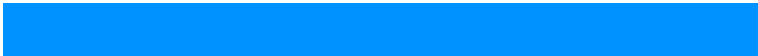
FF3788



A28A00



00A88F



0092FF

# Rectangle

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



FF3788



E56418



00A88F



00A5F6



# Sweetspot

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



FF3788



FFC2DB



AC37FF



805B69



000000



808080



# Same Dimension

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



FF3788



FF0F70



FF4837



807378



BF004D



40001A



# Inverse Universe

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



FF3788



FF0F70



37EEFF



807378



BF004D



40001A



# Previews

## White Background



This preview shows how the Hex color FF3788 looks on a white background.

## Color Contrast Check

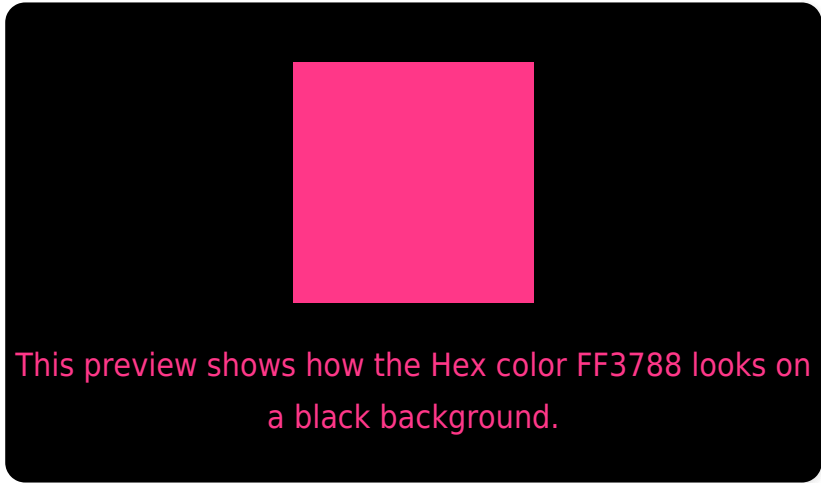
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF3788 Background



This preview shows how black text looks on a background with the Hex color FF3788.



This preview shows how white text looks on a background with the Hex color FF3788.

# 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**  
FF3788

**Protanopia**  
7F8AB8

**Deuteranopia**  
9D867E



**Tritanopia**  
FC484B

# Trichromacy



**Original Color**  
FF3788



**Protanomaly**  
AE6CA7



**Deuteranomaly**  
C16982



**Tritanomaly**  
FD4261

# Monochromacy



**Original Color**  
FF3788



**Achromatopsia**  
7C7C7C



**Achromatomaly**  
AC6380

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF3788 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 #FF3788 looks like.

```
.text, #text, p{  
    color:#FF3788  
}
```

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 #FF3788 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF3788
}
```

## Border

The CSS property to change the border of an element to Hex FF3788 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
#FF3788 }
```

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

```
.border{ border-color:#FF3788 }
```

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

Here you see how a box with a 4 pixel #FF3788 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF3788; -webkit-box-shadow:4px 4px  
4px 4px #FF3788; box-shadow:4px 4px 4px  
4px #FF3788 }
```

# Background

The CSS property to change the background color of an element to Hex FF3788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF3788 }
```

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

```
.background{ background-color:#FF3788 }
```

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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