

# Converting Colors

Hex(FF037B)

Have a look what the booklet for  
Hex(FF037B) contains.

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**Color**

**Hex(FF037B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF037B
RGB	255, 3, 123
RGB Percent	100%, 1%, 48%
CMY	0.0000, 0.9882, 0.5176
CMYK	0.00, 0.99, 0.52, 0.00
HSL	331°, 100%, 51%
HSV	331°, 99%, 100%
XYZ	44.8477, 22.7552, 20.7673
YIQ	92.0280, 111.6720, 90.7440

# Conversions

## Conversions Part 2

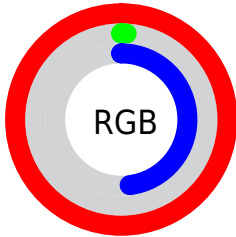
<b>Format</b>	<b>Color</b>
<b>RYB</b>	255, 3, 123
Decimal	16712571
CIELab	54.82, 84.00, 6.98
CIELCh	55, 84.292, 4.748
Yxy	22.7552, 0.5075, 0.2575
Android (android.graphics.Color)	4294902651 (0xFFFF037B)
YUV	92.0280, 15.2692, 142.9264
Hunter-Lab	47.7024, 84.3387, 7.5796

# Details

The Hex color **FF037B** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **03FF87**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **FF64AF**, and **BF004B** is the 20% darker color. If you saturate the color by 10%, you get **FF0079**, and if you desaturate by 10%, it is **FF1C88**.

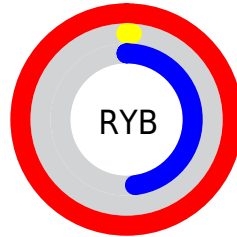
# Distribution



Red (100%)

Green (1%)

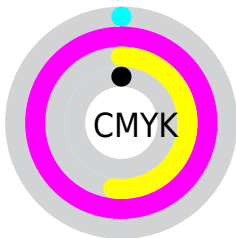
Blue (48%)



Red (100%)

Yellow (1%)

Blue (48%)

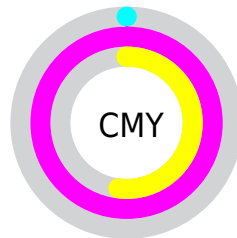


Cyan (0%)

Magenta (99%)

Yellow (52%)

Black (0%)



Cyan (0%)

Magenta (99%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF037B 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 FF037B by changing the saturation by 10% instead.



 FF037B

 FF037B

FFFFFF

 DF0062

 FF64AF

 BF004B

 FF84CA

 9F0035

 FFA3E6

 800020

 FFC1FF

 610007

 FFE0FF

 420003

 200001

 000000

 FF037B

 FF037B

 FF0079

 FF1C88

 FF3696

 FF50A3

 FF69B0

 FF83BE

 FF9CCB

 FFB5D9

 FFCFE6

 FFE9F3

# Harmonies

## Analogous

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



E138C3



FF037B



F53A34

# Triad

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



FF037B



459500



009BFF

# Complementary

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



FF037B



03FF87

# 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.



00A1D5



FF037B



009E40

# Square

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



FF037B



958400



00A28D



0089FF

# Rectangle

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



FF037B



DE5A00



00A28D



009EFB



# Sweetspot

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



FF037B



FFB3D7



8503FF



805267



000000



808080



# Same Dimension

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



FF037B



FF0079



FF0703



807379



BF005B



40001E



# Inverse Universe

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



FF037B



FF0079



03FBFF



807379



BF005B



40001E



# Previews

## White Background



This preview shows how the Hex color FF037B looks on a white background.

## Color Contrast Check

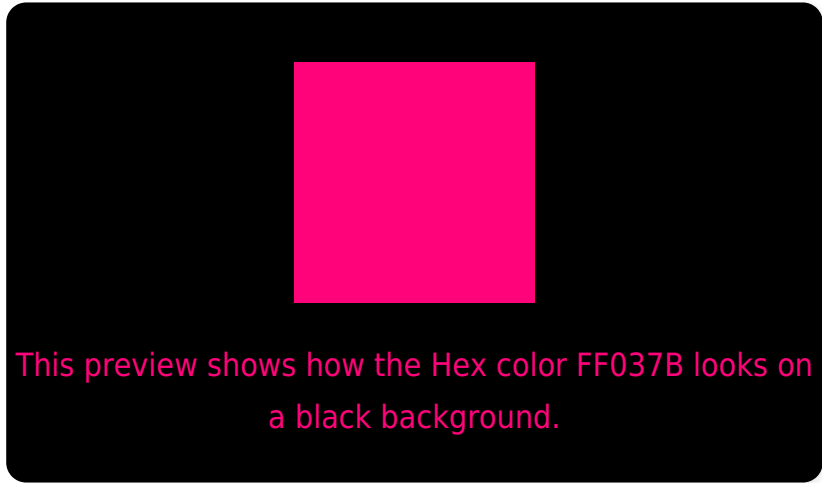
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF037B Background



This preview shows how black text looks on a background with the Hex color FF037B.



This preview shows how white text looks on a background with the Hex color FF037B.

# 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





# Trichromacy



**Original Color**  
FF037B



**Protanomaly**  
A8549E



**Deuteranomaly**  
BD5274



**Tritanomaly**  
FD204C

# Monochromacy



**Original Color**  
FF037B



**Achromatopsia**  
5C5C5C



**Achromatomaly**  
973C67

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF037B 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 #FF037B looks like.

```
.text, #text, p{  
    color:#FF037B  
}
```

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 #FF037B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF037B
}
```

## Border

The CSS property to change the border of an element to Hex FF037B 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
#FF037B }
```

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

```
.border{ border-color:#FF037B }
```

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

Here you see how a box with a 4 pixel #FF037B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF037B; -webkit-box-shadow:4px 4px  
4px 4px #FF037B; box-shadow:4px 4px 4px  
4px #FF037B }
```

# Background

The CSS property to change the background color of an element to Hex FF037B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF037B }
```

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

```
.background{ background-color:#FF037B }
```

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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