

# Converting Colors

Hex(FF337A)

Have a look what the booklet for  
Hex(FF337A) contains.

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**Color**

**Hex(F337A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FF337A
RGB	255, 51, 122
RGB Percent	100%, 20%, 48%
CMY	0.0000, 0.8000, 0.5216
CMYK	0.00, 0.80, 0.52, 0.00
HSL	339°, 100%, 60%
HSV	339°, 80%, 100%
XYZ	45.9367, 25.0328, 20.8230
YIQ	120.0900, 98.7930, 65.3290

# Conversions

## Conversions Part 2

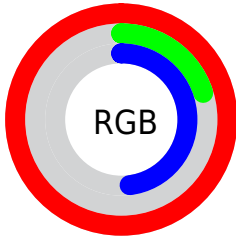
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 51, 122
Decimal	16724858
CIE <sub>Lab</sub>	57.11, 77.27, 10.82
CIE <sub>LCh</sub>	57, 78.019, 7.971
Yxy	25.0328, 0.5004, 0.2727
Android (android.graphics.Color)	4294914938 (0xFFFF337A)
YUV	120.0900, 0.9416, 118.3161
Hunter-Lab	50.0328, 76.3291, 10.3472

# Details

The Hex color **FF337A** is a dark color, and the websafe version is hex **FF0066**. The color can be described as middle washed rose. A complement of this color would be **33FFB8**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF76AE**, and **BF004A** is the 20% darker color. If you saturate the color by 10%, you get **FF1969**, and if you desaturate by 10%, it is **FF4D8B**.

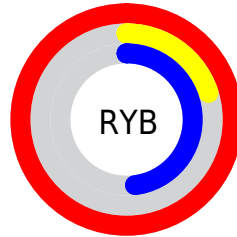
# Distribution



Red (100%)

Green (20%)

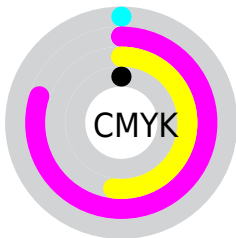
Blue (48%)



Red (100%)

Yellow (20%)

Blue (48%)

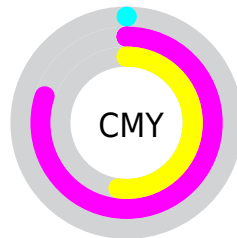


Cyan (0%)

Magenta (80%)

Yellow (52%)

Black (0%)



Cyan (0%)

Magenta (80%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF337A 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 FF337A by changing the saturation by 10% instead.



 FF337A

 FF337A

FFFFFF

 DF0061

 FF76AE

 BF004A

 FF94C9

 A00034

 FFB2E5

 81001F

 FFD0FF

 630006

 FFEFFF

 450003

 230001

 000000

 FF337A

 FF337A

 FF1969

 FF4D8B

 FF0059

 FF669B

 FF80AC

 FF99BC

 FFB3CD

 FFCCDE

 FFE6EE

FFFFFF

# Harmonies

## Analogous

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



E647BE



FF337A



F34F38

# Triad

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



FF337A



499C00



009EFF

# Complementary

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



FF337A



33FFB8

# 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.



00A6DC



FF337A



00A452

# Square

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



FF337A



958C00



00A79A



008CFF

# Rectangle

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



FF337A



DC6700



00A79A



00A1FD



# Sweetspot

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



FF337A



FFC2D7



B833FF



805B67



000000



808080



# Same Dimension

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



FF337A



FF0A5F



FF5233



807377



BF0043



400016



# Inverse Universe

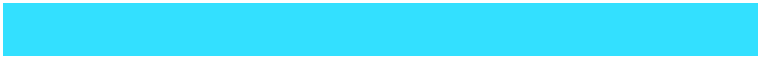
The Inverse Universe completely reimagines the original color for something new.



FF337A



FF0A5F



33E0FF



807377



BF0043



400016



# Previews

## White Background



This preview shows how the Hex color FF337A looks on a white background.

## Color Contrast Check

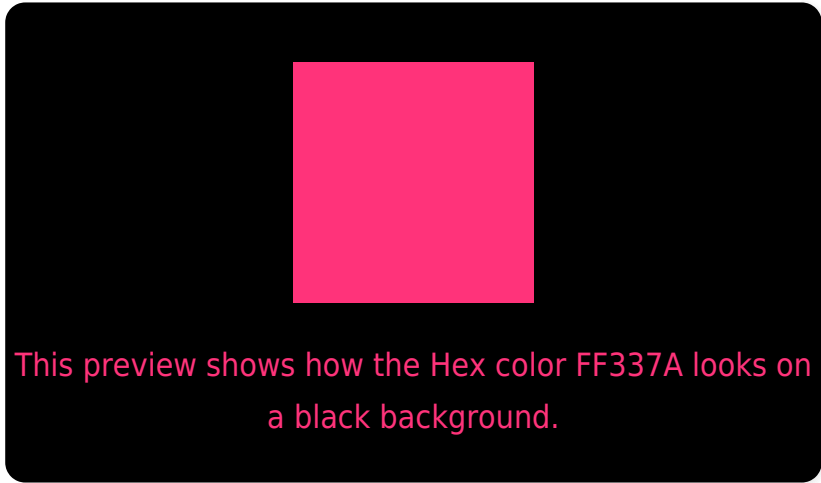
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF337A Background



This preview shows how black text looks on a background with the Hex color FF337A.



This preview shows how white text looks on a background with the Hex color FF337A.

# 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



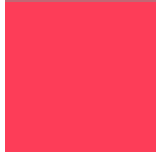
**Original Color**  
FF337A



**Protanomaly**  
B06997



**Deuteranomaly**  
C26774



**Tritanomaly**  
FD3D58

# Monochromacy



**Original Color**  
FF337A



**Achromatopsia**  
787878



**Achromatomaly**  
A95F79

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF337A 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 #FF337A looks like.

```
.text, #text, p{  
    color:#FF337A  
}
```

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 #FF337A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF337A
}
```

## Border

The CSS property to change the border of an element to Hex FF337A 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
#FF337A }
```

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

```
.border{ border-color:#FF337A }
```

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

Here you see how a box with a 4 pixel #FF337A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF337A; -webkit-box-shadow:4px 4px  
4px 4px #FF337A; box-shadow:4px 4px 4px  
4px #FF337A }
```

# Background

The CSS property to change the background color of an element to Hex FF337A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF337A }
```

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

```
.background{ background-color:#FF337A }
```

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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