

# Converting Colors

Hex(FF239D)

Have a look what the booklet for  
Hex(FF239D) contains.

<b>Hex(FF239D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(F F239D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF239D
RGB	255, 35, 157
RGB Percent	100%, 14%, 62%
CMY	0.0000, 0.8627, 0.3843
CMYK	0.00, 0.86, 0.38, 0.00
HSL	327°, 100%, 57%
HSV	327°, 86%, 100%
XYZ	47.9268, 24.8964, 34.1777
YIQ	114.6880, 91.9580, 84.5820

# Conversions

## Conversions Part 2

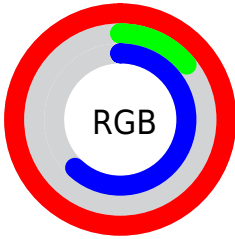
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 35, 157
Decimal	16720797
CIE <sub>Lab</sub>	56.97, 83.43, -10.10
CIE <sub>LCh</sub>	57, 84.035, 353.094
Yxy	24.8964, 0.4479, 0.2327
Android (android.graphics.Color)	4294910877 (0xFFFF239D)
YUV	114.6880, 20.8598, 123.0536
Hunter-Lab	49.8963, 84.1360, -5.6848

# Details

The Hex color **FF239D** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle washed rose. A complement of this color would be **23FF85**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF6FD4**, and **C0006A** is the 20% darker color. If you saturate the color by 10%, you get **FF0992**, and if you desaturate by 10%, it is **FF3CA8**.

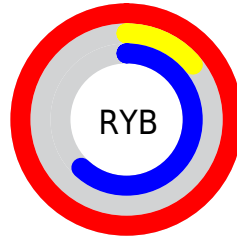
# Distribution



Red (100%)

Green (14%)

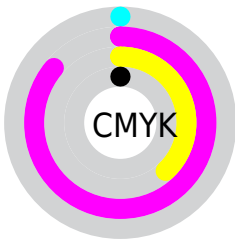
Blue (62%)



Red (100%)

Yellow (14%)

Blue (62%)

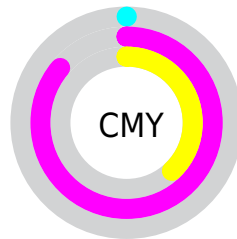


Cyan (0%)

Magenta (86%)

Yellow (38%)

Black (0%)



Cyan (0%)

Magenta (86%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF239D 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 FF239D by changing the saturation by 10% instead.



 FF239D

 FF239D

FFFFFF

 E00083

 FF6FD4

 C0006A

 FF8EF0

 A20052

 FFACFF

 83003B

 FFCBFF

 650025

 FFE9FF

 48000F

 280001

 000000

 FF239D

 FF239D

■ FF0992

■ FF3CA8

■ FF008D

■ FF56B4

■ FF6FBF

■ FF89CA

■ FFA3D6

■ FFBCE1

■ FFD5ED

■ FFEFF8

FFFFFF

# Harmonies

## Analogous

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



CE54E2



FF239D



FF2F55

# Triad

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



FF239D



6F9600



00A4FE

# Complementary

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



FF239D



23FF85

# 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.



00A8C1



FF239D



00A123

# Square

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



FF239D



B48000



00A775



0097FF

# Rectangle

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



FF239D



F44F24



00A775



00A6EC



# Sweetspot

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



FF239D



FFBDE1



8223FF



80586E



000000



808080



# Same Dimension

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



FF239D



FF008D



FF2332



80737A



BF006A



400023



# Inverse Universe

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



FF239D



FF008D



23FFF0



80737A



BF006A



400023



# Previews

## White Background



This preview shows how the Hex color FF239D looks on a white background.

## Color Contrast Check

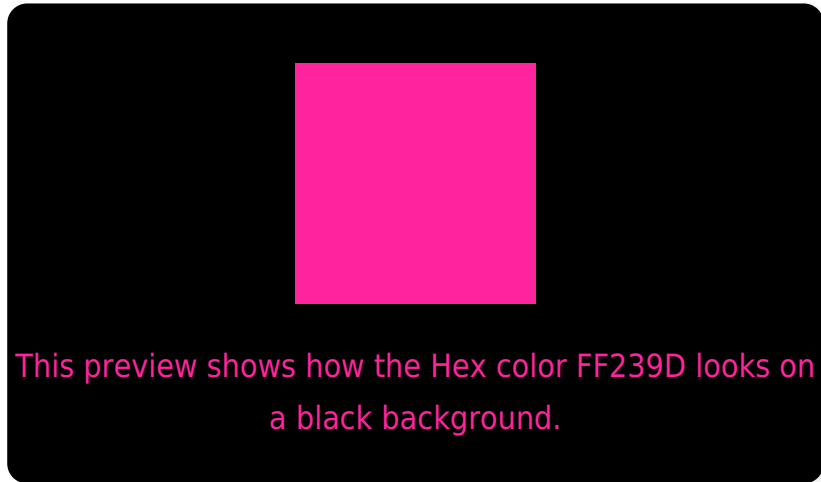
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF239D Background



This preview shows how black text looks on a background with the Hex color FF239D.



This preview shows how white text looks on a background with the Hex color FF239D.

# 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**  
FF239D



**Protanomaly**  
A062C4



**Deuteranomaly**  
BA6196



**Tritanomaly**  
FC3866

# Monochromacy



**Original Color**  
FF239D



**Achromatopsia**  
737373



**Achromatomaly**  
A65682

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF239D 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 #FF239D looks like.

```
.text, #text, p{  
    color:#FF239D  
}
```

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 #FF239D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF239D
}
```

## Border

The CSS property to change the border of an element to Hex FF239D 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
#FF239D }
```

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

```
.border{ border-color:#FF239D }
```

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

Here you see how a box with a 4 pixel #FF239D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF239D; -webkit-box-shadow:4px 4px  
4px 4px #FF239D; box-shadow:4px 4px 4px  
4px #FF239D }
```

# Background

The CSS property to change the background color of an element to Hex FF239D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF239D }
```

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

```
.background{ background-color:#FF239D }
```

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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