

# Converting Colors

Hex(FF39CE)

Have a look what the booklet for  
Hex(FF39CE) contains.

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**Color**

**Hex(F39CE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF39CE
RGB	255, 57, 206
RGB Percent	100%, 22%, 81%
CMY	0.0000, 0.7765, 0.1922
CMYK	0.00, 0.78, 0.19, 0.00
HSL	315°, 100%, 61%
HSV	315°, 78%, 100%
XYZ	53.8437, 28.6425, 61.0832
YIQ	133.1880, 70.1790, 88.3150

# Conversions

## Conversions Part 2

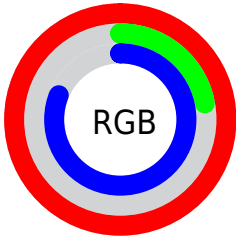
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 57, 206
Decimal	16726478
CIE <sub>Lab</sub>	60.46, 84.13, -33.11
CIE <sub>LCh</sub>	60, 90.409, 338.515
Yxy	28.6425, 0.3750, 0.1995
Android (android.graphics.Color)	4294916558 (0xFFFF39CE)
YUV	133.1880, 35.8963, 106.8291
Hunter-Lab	53.5187, 85.9264, -30.2072

# Details

The Hex color **FF39CE** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **39FF6A**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FF7CFF**, and **C20097** is the 20% darker color. If you saturate the color by 10%, you get **FF1FC8**, and if you desaturate by 10%, it is **FF52D4**.

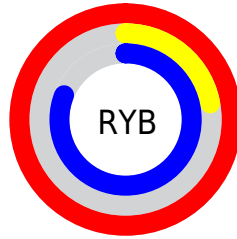
# Distribution



Red (100%)

Green (22%)

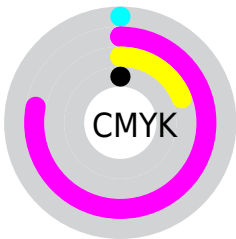
Blue (81%)



Red (100%)

Yellow (22%)

Blue (81%)

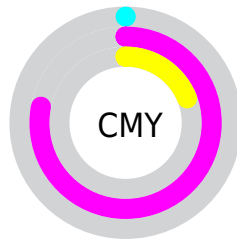


Cyan (0%)

Magenta (78%)

Yellow (19%)

Black (0%)



Cyan (0%)

Magenta (78%)

Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF39CE 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 FF39CE by changing the saturation by 10% instead.



 FF39CE

 FF39CE

FFFFFF

 E000B2

 FF7CFF

 C20097

 FF9BFF

 A4007D

 FFB9FF

 860064

 FFD8FF

 69004B

 FFF6FF

 4E0034

 2F001E

 000000

 FF39CE

 FF39CE

 FF1FC8

 FF52D4

 FF06C1

 FF6CDB

 FF00C0

 FF85E1

 FF9FE7

 FFB8EE

 FFD2F4

 FFEBFA

FFFFFF

# Harmonies

## Analogous

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



AC70FF



FF39CE



FF0F7F

# Triad

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



FF39CE



9C9600



00B2F4

# Complementary

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



FF39CE



39FF6A

# 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.



00B3A7



FF39CE



3DA700

# Square

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



FF39CE



DE7800



00B053



00AAFF

# Rectangle

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



FF39CE



FF364B



00B053



00B3DC



# Sweetspot

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



FF39CE



FFC4F0



6739FF



805C77



000000



808080



# Same Dimension

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



FF39CE



FF12C4



FF396E



80737C



BF0090



400030



# Inverse Universe

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



FF39CE



FF12C4



39FFCA



80737C



BF0090



400030



# Previews

## White Background



This preview shows how the Hex color FF39CE looks on a white background.

## Color Contrast Check

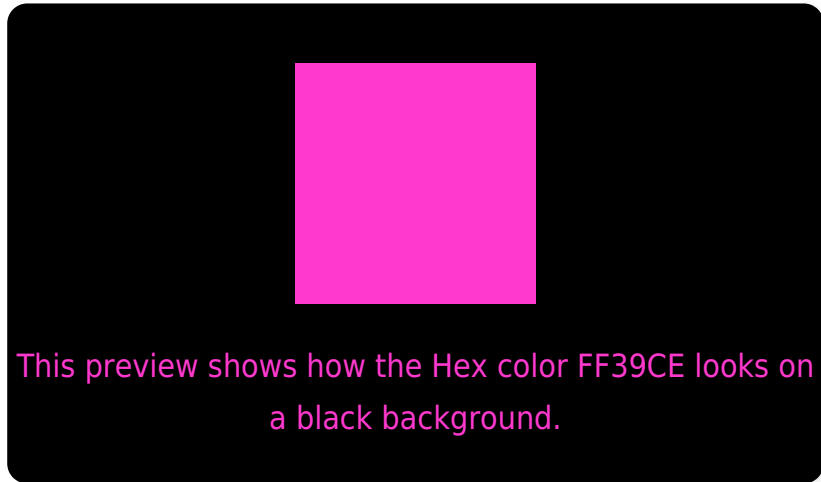
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF39CE Background



This preview shows how black text looks on a background with the Hex color FF39CE.



This preview shows how white text looks on a background with the Hex color FF39CE.

# 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](#).

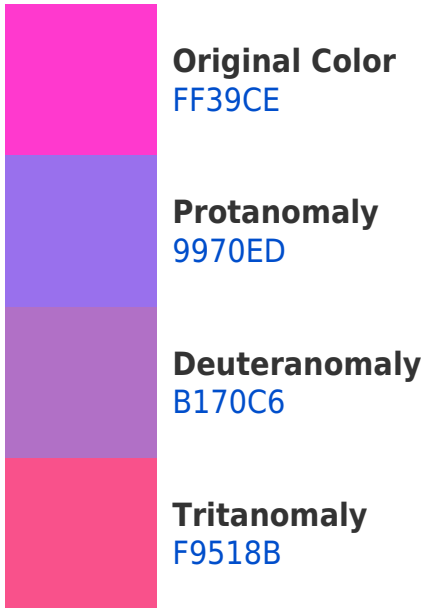
## Dichromacy





**Tritanopia**  
F65E64

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF39CE 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 #FF39CE looks like.

```
.text, #text, p{  
    color:#FF39CE  
}
```

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 #FF39CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF39CE
}
```

## Border

The CSS property to change the border of an element to Hex FF39CE 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
#FF39CE }
```

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

```
.border{ border-color:#FF39CE }
```

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

Here you see how a box with a 4 pixel #FF39CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF39CE; -webkit-box-shadow:4px 4px  
4px 4px #FF39CE; box-shadow:4px 4px 4px  
4px #FF39CE }
```

# Background

The CSS property to change the background color of an element to Hex FF39CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF39CE }
```

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

```
.background{ background-color:#FF39CE }
```

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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