

# Converting Colors

Hex(FF63C9)

Have a look what the booklet for  
Hex(FF63C9) contains.

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# Color

Hex(**FF63C9**)

# Conversions

## Conversions Part 1

Format	Color
Hex	FF63C9
RGB	255, 99, 201
RGB Percent	100%, 39%, 79%
CMY	0.0000, 0.6118, 0.2118
CMYK	0.00, 0.61, 0.21, 0.00
HSL	321°, 100%, 69%
HSV	321°, 61%, 100%
XYZ	56.2445, 34.4007, 58.9339
YIQ	157.2720, 60.2340, 64.7940

# Conversions

## Conversions Part 2

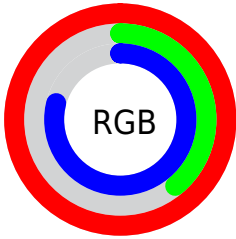
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 99, 201
Decimal	16737225
CIE Lab	65.28, 69.43, -22.85
CIE LCh	65, 73.098, 341.781
Yxy	34.4007, 0.3760, 0.2300
Android (android.graphics.Color)	4294927305 (0xFFFF63C9)
YUV	157.2720, 21.5579, 85.7075
Hunter-Lab	58.6521, 68.5313, -18.5184

# Details

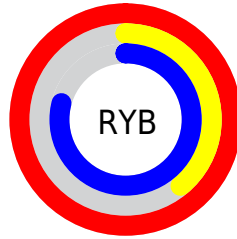
The Hex color **FF63C9** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **63FF99**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FF9DFF**, and **C32193** is the 20% darker color. If you saturate the color by 10%, you get **FF49C0**, and if you desaturate by 10%, it is **FF7CD2**.

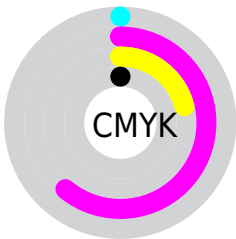
# Distribution



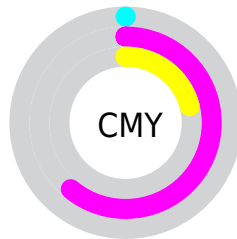
- Red (100%)
- Green (39%)
- Blue (79%)



- Red (100%)
- Yellow (39%)
- Blue (79%)



- Cyan (0%)
- Magenta (61%)
- Yellow (21%)
- Black (0%)



- Cyan (0%)
- Magenta (61%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF63C9 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 FF63C9 by changing the saturation by 10% instead.



 FF63C9

 FF63C9

FFFFFF

 E145AE

 FF9DFF

 C32193

 FFBAFF

 A50079

 FFD8FF

 880060

 FFF6FF

 6C0048

 500031

 35001C

 0F0000

 000000

■ FF63C9

■ FF63C9

■ FF49C0

■ FF7CD2

■ FF30B7

■ FF96DB

■ FF16AF

■ FFB0E3

■ FF00A7

■ FFC9EC

■ FFE3F5

■ FFFCFE

FFFFFF

# Harmonies

## Analogous

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



C281FF



FF63C9



FF5A87

# Triad

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



FF63C9



A6A400



00BAF5

# Complementary

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



FF63C9



63FF99

# 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.



00BDB7



FF63C9



5BB232

# Square

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



FF63C9



DE8D09



00BA73



00B1FF

# Rectangle

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



FF63C9



FF665D



00BA73



00BCE2



# Sweetspot

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



FF63C9



FFD1EF



9763FF



806376



000000



808080



# Same Dimension

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



FF63C9



FF45BF



FF637D



80737B



BF007D



40002A



# Inverse Universe

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



FF63C9



FF45BF



63FFE5



80737B



BF007D



40002A



# Previews

## White Background



This preview shows how the Hex color FF63C9 looks on a white background.

## Color Contrast Check

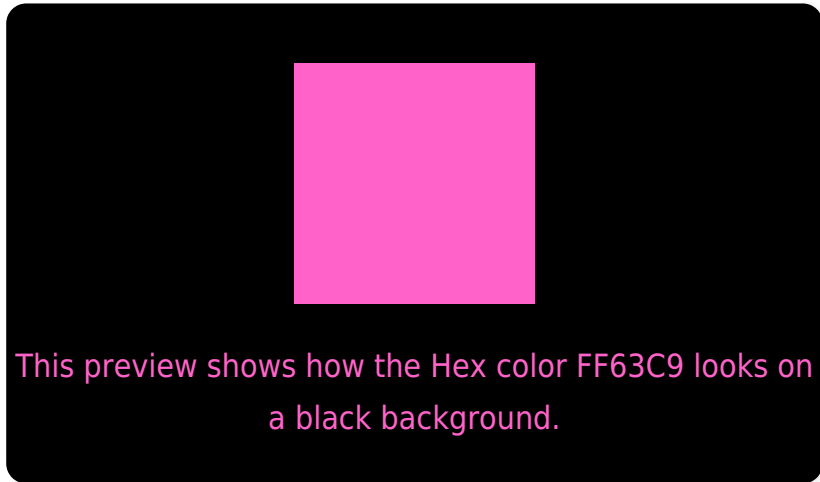
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex FF63C9 Background



This preview shows how black text looks on a background with the Hex color FF63C9.



This preview shows how white text looks on a background with the Hex color FF63C9.

# 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**  
F8767E

# Trichromacy



**Original Color**  
FF63C9



**Protanomaly**  
AE87E4



**Deuteranomaly**  
C187C3



**Tritanomaly**  
FB6F99

# Monochromacy



**Original Color**  
FF63C9



**Achromatopsia**  
9D9D9D



**Achromatomaly**  
C188AD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF63C9 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 #FF63C9 looks like.

```
.text, #text, p{  
    color:#FF63C9  
}
```

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 #FF63C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF63C9
}
```

## Border

The CSS property to change the border of an element to Hex FF63C9 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
#FF63C9 }
```

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

```
.border{ border-color:#FF63C9 }
```

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

Here you see how a box with a 4 pixel #FF63C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF63C9; -webkit-box-shadow:4px 4px  
4px 4px #FF63C9; box-shadow:4px 4px 4px  
4px #FF63C9 }
```

# Background

The CSS property to change the background color of an element to Hex FF63C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF63C9 }
```

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

```
.background{ background-color:#FF63C9 }
```

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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