

# Converting Colors

Hex(FF68D9)

Have a look what the booklet for  
Hex(FF68D9) contains.

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# **Color**

**Hex(F668D9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FF68D9
RGB	255, 104, 217
RGB Percent	100%, 41%, 85%
CMY	0.0000, 0.5922, 0.1490
CMYK	0.00, 0.59, 0.15, 0.00
HSL	315°, 100%, 70%
HSV	315°, 59%, 100%
XYZ	58.7147, 36.1704, 69.5326
YIQ	162.0310, 53.7230, 67.1550

# Conversions

## Conversions Part 2

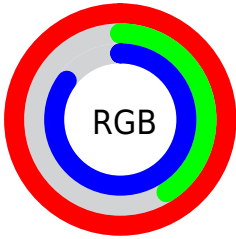
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 104, 217
Decimal	16738521
CIE <sub>Lab</sub>	66.65, 69.58, -29.73
CIE <sub>LCh</sub>	67, 75.668, 336.866
Yxy	36.1704, 0.3571, 0.2200
Android (android.graphics.Color)	4294928601 (0xFFFF68D9)
YUV	162.0310, 27.0997, 81.5338
Hunter-Lab	60.1418, 69.0162, -26.4485

# Details

The Hex color **FF68D9** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **68FF8E**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFA2FF**, and **C328A2** is the 20% darker color. If you saturate the color by 10%, you get **FF4FD3**, and if you desaturate by 10%, it is **FF82DF**.

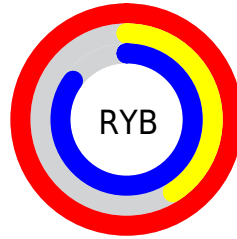
# Distribution



Red (100%)

Green (41%)

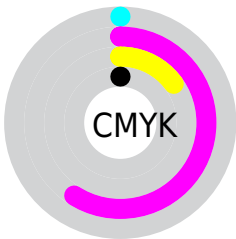
Blue (85%)



Red (100%)

Yellow (41%)

Blue (85%)

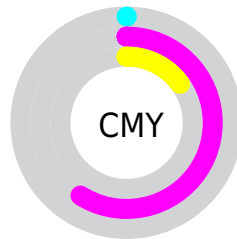


Cyan (0%)

Magenta (59%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (59%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF68D9 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 FF68D9 by changing the saturation by 10% instead.



 FF68D9

 FF68D9

FFFFFF

 E14ABD

 FFA2FF

 C328A2

 FFBFFF

 A60087

 FFD0FF

 89006E

 FFFAFF

 6D0055

 51003D

 370027

 140010

 000000

 FF68D9

 FF68D9

 FF4FD3

 FF82DF

 FF35CC

 FF9BE6

 FF1BC6

 FFB4EC

 FF02BF

 FFCEF3

 FF00BF

 FFE8F9

FFFFFF

# Harmonies

## Analogous

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



B789FF



FF68D9



FF5995

# Triad

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



FF68D9



B4A400



00C0F2

# Complementary

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



FF68D9



68FF8E

# 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.



00C1B0



FF68D9



6BB525

# Square

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



FF68D9



EB8B13



00BE69



00B7FF

# Rectangle

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



FF68D9



FF6369



00BE69



00C1DE



# Sweetspot

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



FF68D9



FFD1F3



8E68FF



806378



000000



808080



# Same Dimension

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



FF68D9



FF4AD1



FF688E



80737C



BF008F



400030



# Inverse Universe

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



FF68D9



FF4AD1



68FFD9



80737C



BF008F



400030



# Previews

## White Background



This preview shows how the Hex color FF68D9 looks on a white background.

## Color Contrast Check

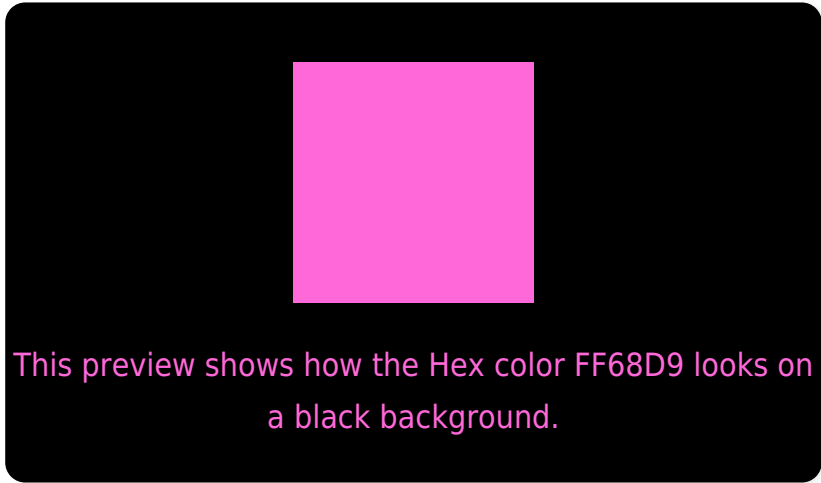
Large Text (above 18pt) WCAG AA × Fail

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 FF68D9 Background



This preview shows how black text looks on a background with the Hex color FF68D9.



This preview shows how white text looks on a background with the Hex color FF68D9.

# 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**  
F77D86

# Trichromacy



**Original Color**  
FF68D9



**Protanomaly**  
AE8BF1



**Deuteranomaly**  
BF8BD3



**Tritanomaly**  
FA75A4

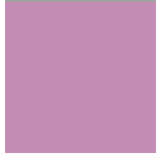
# Monochromacy



**Original Color**  
FF68D9



**Achromatopsia**  
A2A2A2



**Achromatomaly**  
C48DB6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF68D9 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 #FF68D9 looks like.

```
.text, #text, p{  
    color:#FF68D9  
}
```

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 #FF68D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF68D9
}
```

## Border

The CSS property to change the border of an element to Hex FF68D9 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
#FF68D9 }
```

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

```
.border{ border-color:#FF68D9 }
```

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

Here you see how a box with a 4 pixel #FF68D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF68D9; -webkit-box-shadow:4px 4px  
4px 4px #FF68D9; box-shadow:4px 4px 4px  
4px #FF68D9 }
```

# Background

The CSS property to change the background color of an element to Hex FF68D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF68D9 }
```

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

```
.background{ background-color:#FF68D9 }
```

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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