

# Converting Colors

Hex(FF068D)

Have a look what the booklet for  
Hex(FF068D) contains.

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**Color**

**Hex(F068D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF068D
RGB	255, 6, 141
RGB Percent	100%, 2%, 55%
CMY	0.0000, 0.9765, 0.4471
CMYK	0.00, 0.98, 0.45, 0.00
HSL	327°, 100%, 51%
HSV	327°, 98%, 100%
XYZ	46.1128, 23.3133, 27.2688
YIQ	95.8410, 105.0690, 94.7730

# Conversions

## Conversions Part 2

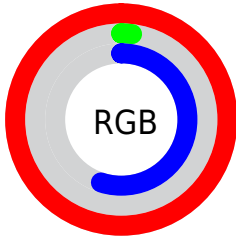
<b>Format</b>	<b>Color</b>
<b>RYB</b>	255, 6, 141
Decimal	16713357
CIELab	55.39, 85.15, -2.97
CIElCh	55, 85.205, 358.000
Yxy	23.3133, 0.4769, 0.2411
Android (android.graphics.Color)	4294903437 (0xFFFF068D)
YUV	95.8410, 22.2634, 139.5824
Hunter-Lab	48.2839, 85.9771, 0.3141

# Details

The Hex color **FF068D** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark saturated rose. A complement of this color would be **06FF78**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **FF65C2**, and **C0005B** is the 20% darker color. If you saturate the color by 10%, you get **FF008A**, and if you desaturate by 10%, it is **FF2099**.

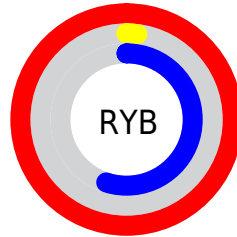
# Distribution



Red (100%)

Green (2%)

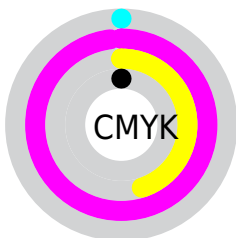
Blue (55%)



Red (100%)

Yellow (2%)

Blue (55%)

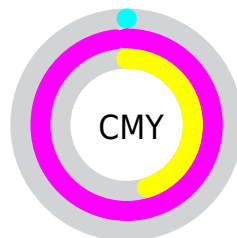


Cyan (0%)

Magenta (98%)

Yellow (45%)

Black (0%)



Cyan (0%)

Magenta (98%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF068D 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 FF068D by changing the saturation by 10% instead.



 FF068D

 FF068D

FFFFFF

 DF0074

 FF65C2

 C0005B

 FF85DE

 A00044

 FFA4FB

 81002E

 FFC3FF

 63001A

 FFE2FF

 450003

 240001

 000000

 FF068D

 FF068D

 FF008A

 FF2099

 FF39A4

 FF53B0

 FF6CBC

 FF86C7

 FF9FD3

 FFB9DF

 FFD2EA

 FFE6F6

# Harmonies

## Analogous

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



D645D4



FF068D



FD2D45

# Triad

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



FF068D



5C9400



009FFF

# Complementary

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



FF068D



06FF78

# 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.



00A4C9



FF068D



009E2D

# Square

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



FF068D



A58000



00A37D



0090FF

# Rectangle

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



FF068D



EA500C



00A37D



00A1F2



# Sweetspot

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



FF068D



FFB5DD



7606FF



80536B



000000



808080



# Same Dimension

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



FF068D



FF008A



FF0612



80737A



BF0068



400023



# Inverse Universe

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



FF068D



FF008A



06FFF3



80737A



BF0068



400023



# Previews

## White Background



This preview shows how the Hex color FF068D looks on a white background.

## Color Contrast Check

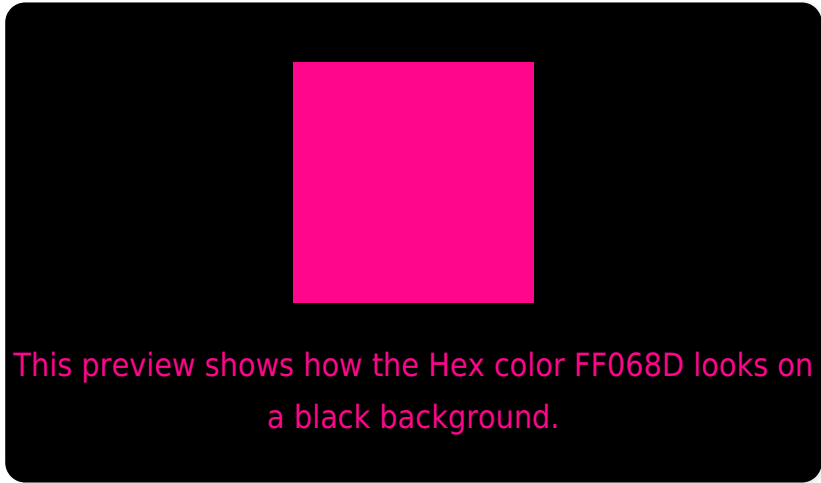
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF068D Background



This preview shows how black text looks on a background with the Hex color FF068D.



This preview shows how white text looks on a background with the Hex color FF068D.

# 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**  
FF068D



**Protanomaly**  
A256B4



**Deuteranomaly**  
BB5486



**Tritanomaly**  
FC2658

# Monochromacy



**Original Color**  
FF068D



**Achromatopsia**  
606060



**Achromatomaly**  
9A3F70

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF068D 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 #FF068D looks like.

```
.text, #text, p{  
    color:#FF068D  
}
```

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 #FF068D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF068D
}
```

## Border

The CSS property to change the border of an element to Hex FF068D is called "border". The border property can be set on classes, ids or directly on the HTML element.

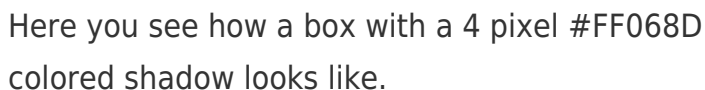
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FF068D }
```

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

```
.border{ border-color:#FF068D }
```

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



Here you see how a box with a 4 pixel #FF068D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF068D; -webkit-box-shadow:4px 4px  
4px 4px #FF068D; box-shadow:4px 4px 4px  
4px #FF068D }
```

# Background

The CSS property to change the background color of an element to Hex FF068D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF068D }
```

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

```
.background{ background-color:#FF068D }
```

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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