

# Converting Colors

Hex(FF71C8)

Have a look what the booklet for  
Hex(FF71C8) contains.

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# **Color**

**Hex(F771C8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF71C8
RGB	255, 113, 200
RGB Percent	100%, 44%, 78%
CMY	0.0000, 0.5569, 0.2157
CMYK	0.00, 0.56, 0.22, 0.00
HSL	323°, 100%, 72%
HSV	323°, 56%, 100%
XYZ	57.5705, 37.2404, 58.7974
YIQ	165.3760, 56.7050, 57.1610

# Conversions

## Conversions Part 2

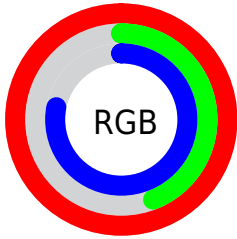
Format	Color
R <sub>Y</sub> B	255, 113, 200
Decimal	16740808
CIE <sub>Lab</sub>	67.46, 63.32, -18.97
CIE <sub>LCh</sub>	67, 66.102, 343.319
Y <sub>xy</sub>	37.2404, 0.3748, 0.2424
Android (android.graphics.Color)	4294930888 (0xFFFF71C8)
YUV	165.3760, 17.0696, 78.6002
Hunter-Lab	61.0249, 61.6020, -14.4084

# Details

The Hex color **FF71C8** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **71FFA8**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFAAFF**, and **C33692** is the 20% darker color. If you saturate the color by 10%, you get **FF58BE**, and if you desaturate by 10%, it is **FF8BD2**.

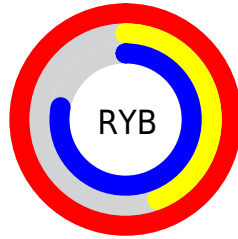
# Distribution



Red (100%)

Green (44%)

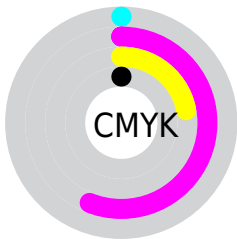
Blue (78%)



Red (100%)

Yellow (44%)

Blue (78%)

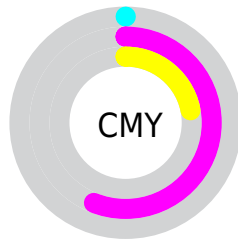


Cyan (0%)

Magenta (56%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (56%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF71C8 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 FF71C8 by changing the saturation by 10% instead.



 FF71C8

 FF71C8

FFFFFF

 E154AD

 FFAAFF

 C33692


 FFC7FF

 A60F78

 FFE4FF

 89005F

 6D0047

 510031

 38001C

 150000

 000000

■ FF71C8

■ FF71C8

■ FF58BE

■ FF8BD2

■ FF3EB4

■ FFA4DC

■ FF24AA

■ FFBEE6

■ FF0BA0

■ FFD7F0

■ FF009C

■ FFF1F9

FFFFFF

# Harmonies

## Analogous

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



C989FC



FF71C8



FF6C8C

# Triad

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



FF71C8



AAAA1F



00BEF5

# Complementary

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



FF71C8



71FFA8

# 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.



00C1BE



FF71C8



66B747

# Square

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



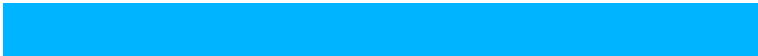
FF71C8



DE9529



00BE80



00B4FF

# Rectangle

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



FF71C8



FF7566



00BE80



00BFE4



# Sweetspot

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



FF71C8



FFD4EE



A771FF



806676



000000



808080



# Same Dimension

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



FF71C8



FF54BD



FF7182



80737B



BF0075



400027



# Inverse Universe

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



FF71C8



FF54BD



71FFEE



80737B



BF0075

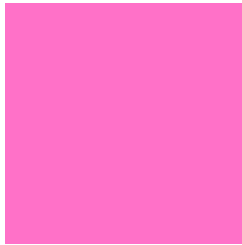


400027



# Previews

## White Background



This preview shows how the Hex color FF71C8 looks on a white background.

## Color Contrast Check

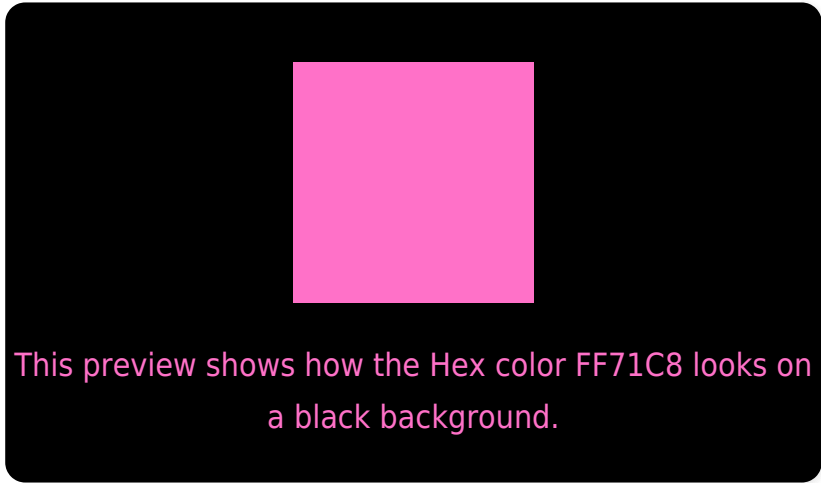
Large Text (above 18pt) WCAG AA × Fail

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 FF71C8 Background



This preview shows how black text looks on a background with the Hex color FF71C8.

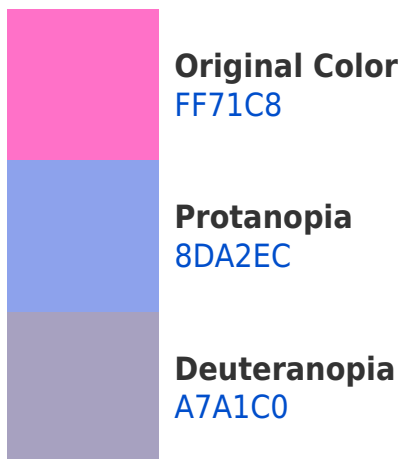


This preview shows how white text looks on a background with the Hex color FF71C8.

# 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**  
F97F88

# Trichromacy



**Original Color**  
FF71C8



**Protanomaly**  
B690DF



**Deuteranomaly**  
C790C3



**Tritanomaly**  
FB7A9F

# Monochromacy



**Original Color**  
FF71C8



**Achromatopsia**  
A5A5A5



**Achromatomaly**  
C692B2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF71C8 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 #FF71C8 looks like.

```
.text, #text, p{  
    color:#FF71C8  
}
```

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 #FF71C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF71C8
}
```

## Border

The CSS property to change the border of an element to Hex FF71C8 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
#FF71C8 }
```

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

```
.border{ border-color:#FF71C8 }
```

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

Here you see how a box with a 4 pixel #FF71C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF71C8; -webkit-box-shadow:4px 4px  
4px 4px #FF71C8; box-shadow:4px 4px 4px  
4px #FF71C8 }
```

# Background

The CSS property to change the background color of an element to Hex FF71C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF71C8 }
```

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

```
.background{ background-color:#FF71C8 }
```

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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