

# Converting Colors

Hex(FF74CB)

Have a look what the booklet for  
Hex(FF74CB) contains.

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# **Color**

**Hex(F774CB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF74CB
RGB	255, 116, 203
RGB Percent	100%, 45%, 80%
CMY	0.0000, 0.5451, 0.2039
CMYK	0.00, 0.55, 0.20, 0.00
HSL	322°, 100%, 73%
HSV	322°, 55%, 100%
XYZ	58.2649, 38.0626, 60.7758
YIQ	167.4790, 54.9170, 56.5250

# Conversions

## Conversions Part 2

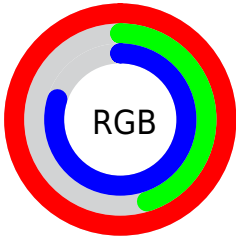
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 116, 203
Decimal	16741579
CIE <sub>Lab</sub>	68.07, 62.39, -19.73
CIE <sub>LCh</sub>	68, 65.432, 342.451
Yxy	38.0626, 0.3709, 0.2423
Android (android.graphics.Color)	4294931659 (0xFFFF74CB)
YUV	167.4790, 17.5119, 76.7559
Hunter-Lab	61.6949, 60.6101, -15.2204

# Details

The Hex color **FF74CB** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **74FFA8**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFADFF**, and **C33A95** is the 20% darker color. If you saturate the color by 10%, you get **FF5AC1**, and if you desaturate by 10%, it is **FF8ED5**.

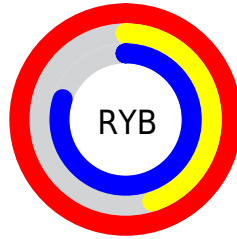
# Distribution



Red (100%)

Green (45%)

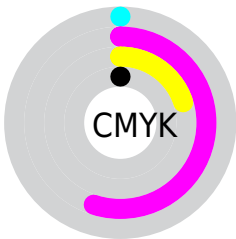
Blue (80%)



Red (100%)

Yellow (45%)

Blue (80%)

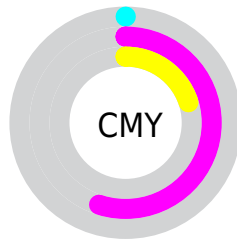


Cyan (0%)

Magenta (55%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (55%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF74CB 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 FF74CB by changing the saturation by 10% instead.



 FF74CB

 FF74CB

FFFFFF

 E158B0

 FFADFF

 C33A95

 FFCAFF

 A6167B

 FFE7FF

 890062

 6D004A

 520033

 38001E

 170000

 000000

 FF74CB

 FF74CB

 FF5AC1

 FF8ED5

 FF41B8

 FFA7DE

 FF27AE

 FFC1E8

 FF0EA5

 FFDAF1

 FF00A0

 FFF3FB

FFFFFF

# Harmonies

## Analogous

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



C88BFE



FF74CB



FF6E90

# Triad

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



FF74CB



ADAB23



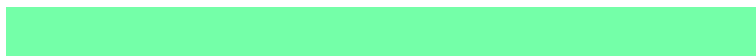
00BFF4

# Complementary

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



FF74CB



74FFA8

# 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.



00C2BE



FF74CB



6BB849

# Square

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



FF74CB



E1962E



00C080



00B6FF

# Rectangle

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



FF74CB



FF776A



00C080



00C1E4



# Sweetspot

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



FF74CB



FFD6F0



A774FF



806776



000000



808080



# Same Dimension

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



FF74CB



FF59C1



FF7487



80737B



BF0078



400028



# Inverse Universe

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



FF74CB



FF59C1



74FFEC



80737B



BF0078



400028



# Previews

## White Background



This preview shows how the Hex color FF74CB looks on a white background.

## Color Contrast Check

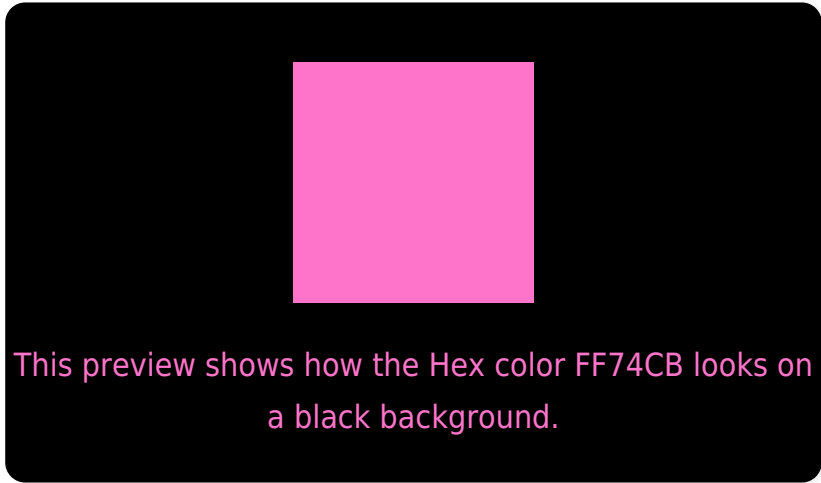
Large Text (above 18pt) WCAG AA × Fail

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 FF74CB Background



This preview shows how black text looks on a background with the Hex color FF74CB.

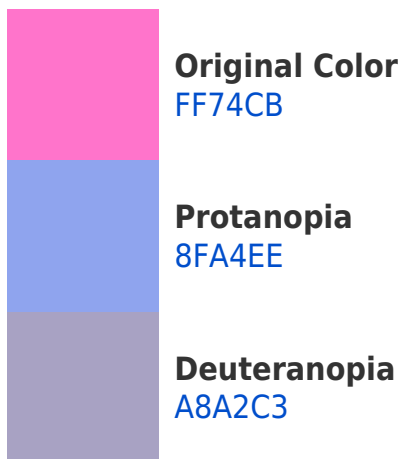


This preview shows how white text looks on a background with the Hex color FF74CB.

# 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**  
F9828B

# Trichromacy



**Original Color**  
FF74CB



**Protanomaly**  
B893E1



**Deuteranomaly**  
C891C6



**Tritanomaly**  
FB7DA2

# Monochromacy



**Original Color**  
FF74CB



**Achromatopsia**  
A7A7A7



**Achromatomaly**  
C794B4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF74CB 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 #FF74CB looks like.

```
.text, #text, p{  
    color:#FF74CB  
}
```

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 #FF74CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF74CB
}
```

## Border

The CSS property to change the border of an element to Hex FF74CB 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
#FF74CB }
```

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

```
.border{ border-color:#FF74CB }
```

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

Here you see how a box with a 4 pixel #FF74CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF74CB; -webkit-box-shadow:4px 4px  
4px 4px #FF74CB; box-shadow:4px 4px 4px  
4px #FF74CB }
```

# Background

The CSS property to change the background color of an element to Hex FF74CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF74CB }
```

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

```
.background{ background-color:#FF74CB }
```

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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