

Converting Colors

Hex(FF70B9)

Have a look what the booklet for
Hex(FF70B9) contains.

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Color

Hex(F770B9)

Conversions

Conversions Part 1

Format	Color
Hex	FF70B9
RGB	255, 112, 185
RGB Percent	100%, 44%, 73%
CMY	0.0000, 0.5608, 0.2745
CMYK	0.00, 0.56, 0.27, 0.00
HSL	329°, 100%, 72%
HSV	329°, 56%, 100%
XYZ	55.7911, 36.3511, 49.9749
YIQ	163.0790, 61.7950, 53.0190

Conversions

Conversions Part 2

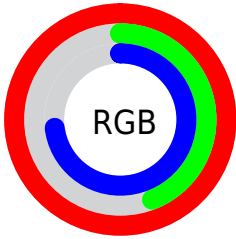
Format	Color
R _Y B	255, 112, 185
Decimal	16740537
CIE Lab	66.79, 61.80, -11.54
CIE LCh	67, 62.870, 349.425
Yxy	36.3511, 0.3926, 0.2558
Android (android.graphics.Color)	4294930617 (0xFFFF70B9)
YUV	163.0790, 10.8071, 80.6147
Hunter-Lab	60.2919, 59.6642, -6.9401

Details

The Hex color **FF70B9** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **70FFB6**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFA9F1**, and **C33684** is the 20% darker color. If you saturate the color by 10%, you get **FF57AD**, and if you desaturate by 10%, it is **FF8AC5**.

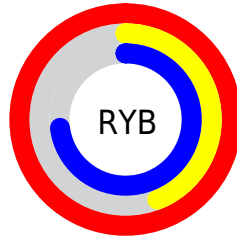
Distribution



Red (100%)

Green (44%)

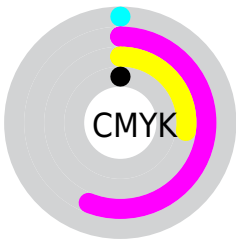
Blue (73%)



Red (100%)

Yellow (44%)

Blue (73%)

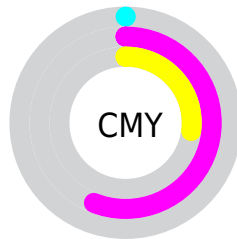


Cyan (0%)

Magenta (56%)

Yellow (27%)

Black (0%)



Cyan (0%)

Magenta (56%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF70B9 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 FF70B9 by changing the saturation by 10% instead.

 FF70B9

 FF70B9

FFFFFF

 E1549E

 FFA9F1

 C33684

 FFC5FF

 A50E6B

 FFE3FF

 890052

 6C003B

 500026

 360010

 0C0000

 000000

 FF70B9

 FF70B9

 FF57AD

 FF8AC5

 FF3DA0

 FFA3D2

 FF2394

 FFBDDDE

 FF0A87

 FFD6EB

 FF0082

 FFF0F7

FFFFFF

Harmonies

Analogous

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



D384ED



FF70B9



FF7080

Triad

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



FF70B9



9DAB2C



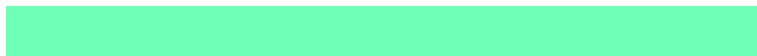
00BAF7

Complementary

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



FF70B9



70FFB6

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.



00BEC6



FF70B9



58B655

Square

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



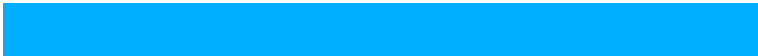
FF70B9



D1992A



00BC8C



00AFFF

Rectangle

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



FF70B9



FF7B5D



00BC8C



00BCE9

Sweetspot

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



FF70B9



FFD4EA



B570FF



806673



000000



808080

Same Dimension

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



FF70B9



FF54AB



FF7072



807379



BF0062



400021

Inverse Universe

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



FF70B9



FF54AB



70FFFD



807379



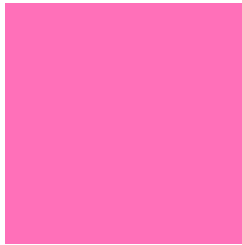
BF0062



400021

Previews

White Background



This preview shows how the Hex color FF70B9 looks on a white background.

Color Contrast Check

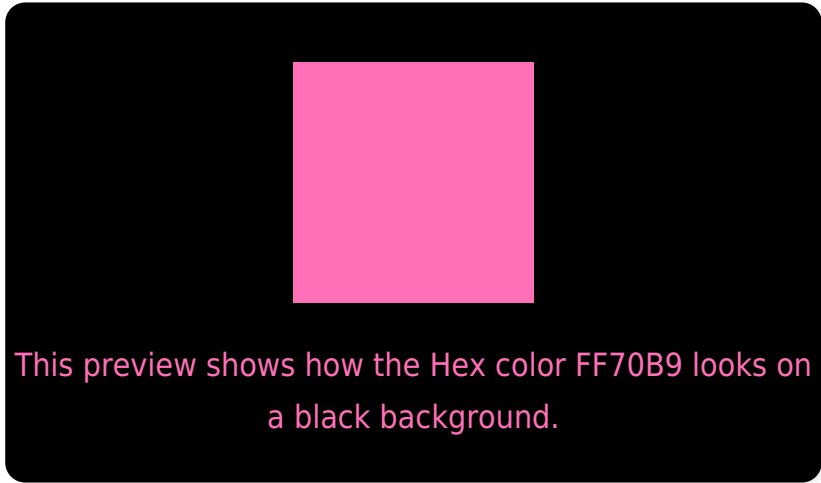
Large Text (above 18pt) WCAG AA × Fail

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 FF70B9 Background



This preview shows how black text looks on a background with the Hex color FF70B9.

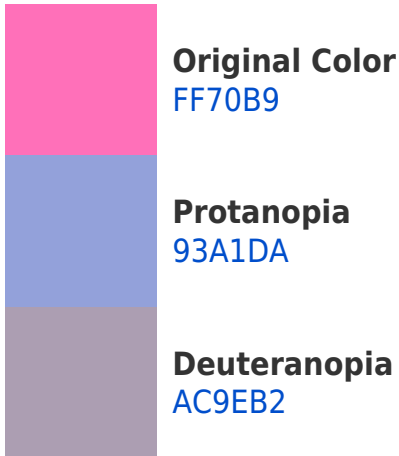


This preview shows how white text looks on a background with the Hex color FF70B9.

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
FA7B84

Trichromacy



Original Color
FF70B9



Protanomaly
BA8FCE



Deuteranomaly
CA8DB5



Tritanomaly
FC7797

Monochromacy



Original Color
FF70B9



Achromatopsia
A3A3A3



Achromatomaly
C490AB

CSS Examples

Text

The CSS property to change the color of the text to Hex FF70B9 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 #FF70B9 looks like.

```
.text, #text, p{  
    color:#FF70B9  
}
```

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 #FF70B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF70B9
}
```

Border

The CSS property to change the border of an element to Hex FF70B9 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
#FF70B9 }
```

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

```
.border{ border-color:#FF70B9 }
```

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

Here you see how a box with a 4 pixel #FF70B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF70B9; -webkit-box-shadow:4px 4px  
4px 4px #FF70B9; box-shadow:4px 4px 4px  
4px #FF70B9 }
```

Background

The CSS property to change the background color of an element to Hex FF70B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF70B9 }
```

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

```
.background{ background-color:#FF70B9 }
```

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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