

Converting Colors

Hex(FF69CB)

Have a look what the booklet for
Hex(FF69CB) contains.

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Color

Hex(F669CB)

Conversions

Conversions Part 1

Format	Color
Hex	FF69CB
RGB	255, 105, 203
RGB Percent	100%, 41%, 80%
CMY	0.0000, 0.5882, 0.2039
CMYK	0.00, 0.59, 0.20, 0.00
HSL	321°, 100%, 71%
HSV	321°, 59%, 100%
XYZ	57.0711, 35.6749, 60.3779
YIQ	161.0220, 57.9420, 62.2780

Conversions

Conversions Part 2

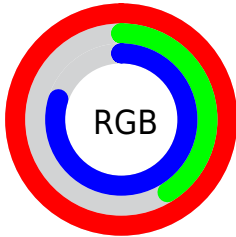
Format	Color
R_{YB}	255, 105, 203
Decimal	16738763
CIE _{Lab}	66.27, 67.21, -22.47
CIE _{LCh}	66, 70.862, 341.516
Yxy	35.6749, 0.3727, 0.2330
Android (android.graphics.Color)	4294928843 (0xFFFF69CB)
YUV	161.0220, 20.6952, 82.4187
Hunter-Lab	59.7285, 66.0333, -18.1247

Details

The Hex color **FF69CB** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **69FF9D**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFA3FF**, and **C32B95** is the 20% darker color. If you saturate the color by 10%, you get **FF50C2**, and if you desaturate by 10%, it is **FF83D4**.

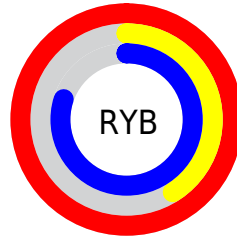
Distribution



Red (100%)

Green (41%)

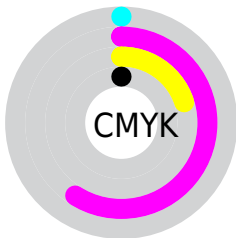
Blue (80%)



Red (100%)

Yellow (41%)

Blue (80%)

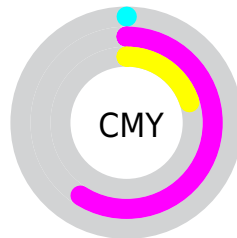


Cyan (0%)

Magenta (59%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (59%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF69CB 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 FF69CB by changing the saturation by 10% instead.

 FF69CB

 FF69CB

FFFFFF

 E14CAF

 FFA3FF

 C32B95

 FFC0FF

 A6007B

 FFDDFF

 890062

 FFFBFF

 6C004A

 500033

 36001E

 130000

 000000

■ FF69CB

■ FF69CB

■ FF50C2

■ FF83D4

■ FF36B9

■ FF9CDD

■ FF1CB0

■ FFB5E6

■ FF03A8

■ FFCFEE

■ FF00A7

■ FFE9F7

FFFFFF

Harmonies

Analogous

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



C385FF



FF69CB



FF618B

Triad

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



FF69CB



A9A600



00BCF4

Complementary

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



FF69CB



69FF9D

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.



00BFB9



FF69CB



62B439

Square

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



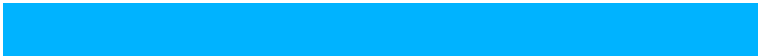
FF69CB



E08F19



00BC76



00B3FF

Rectangle

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



FF69CB



FF6C62



00BC76



00BEE2

Sweetspot

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



FF69CB



FFD1EF



9B69FF



806376



000000



808080

Same Dimension

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



FF69CB



FF4AC0



FF6982



80737B



BF007D



40002A

Inverse Universe

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



FF69CB



FF4AC0



69FFE6



80737B



BF007D



40002A

Previews

White Background



This preview shows how the Hex color FF69CB looks on a white background.

Color Contrast Check

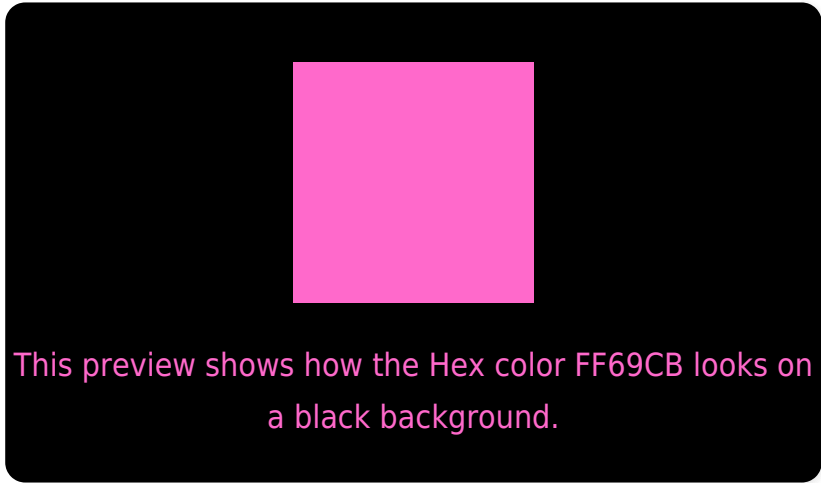
Large Text (above 18pt) WCAG AA × Fail

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 FF69CB Background



This preview shows how black text looks on a background with the Hex color FF69CB.




This preview shows how white text looks on a background with the Hex color FF69CB.

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
F87A83

Trichromacy



Original Color
FF69CB



Protanomaly
B18BE4



Deuteranomaly
C38BC6



Tritanomaly
FB749D

Monochromacy



Original Color
FF69CB



Achromatopsia
A1A1A1



Achromatomaly
C38DB0

CSS Examples

Text

The CSS property to change the color of the text to Hex FF69CB 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 #FF69CB looks like.

```
.text, #text, p{  
    color:#FF69CB  
}
```

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 #FF69CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF69CB
}
```

Border

The CSS property to change the border of an element to Hex FF69CB 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
#FF69CB }
```

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

```
.border{ border-color:#FF69CB }
```

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

Here you see how a box with a 4 pixel #FF69CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF69CB; -webkit-box-shadow:4px 4px  
4px 4px #FF69CB; box-shadow:4px 4px 4px  
4px #FF69CB }
```

Background

The CSS property to change the background color of an element to Hex FF69CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF69CB }
```

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

```
.background{ background-color:#FF69CB }
```

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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