

Converting Colors

Hex(FF69B4)

Have a look what the booklet for
Hex(FF69B4) contains.

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Color

Hex(F69B4)

Conversions

Conversions Part 1

Format	Color
Hex	FF69B4
RGB	255, 105, 180
RGB Percent	100%, 41%, 71%
CMY	0.0000, 0.5882, 0.2941
CMYK	0.00, 0.59, 0.29, 0.00
HSL	330°, 100%, 71%
HSV	330°, 59%, 100%
XYZ	54.5298, 34.6584, 46.9957
YIQ	158.4000, 65.3250, 55.1250

Conversions

Conversions Part 2

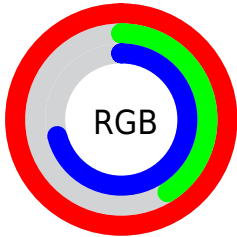
Format	Color
R_{YB}	255, 105, 180
Decimal	16738740
CIE _{Lab}	65.48, 64.25, -10.66
CIE _{LCh}	65, 65.129, 350.580
Yxy	34.6584, 0.4004, 0.2545
Android (android.graphics.Color)	4294928820 (0xFFFF69B4)
YUV	158.4000, 10.6488, 84.7182
Hunter-Lab	58.8714, 62.3111, -6.1199

Details

The Hex color **FF69B4** is a light color, and the websafe version is hex **FF6699**, and the color name is **hotpink**. A complement of this color would be **69FFB4**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFA2EC**, and **C32C7F** is the 20% darker color. If you saturate the color by 10%, you get **FF50A7**, and if you desaturate by 10%, it is **FF83C1**.

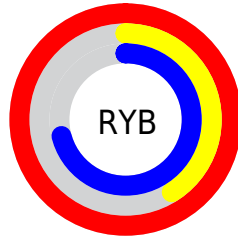
Distribution



Red (100%)

Green (41%)

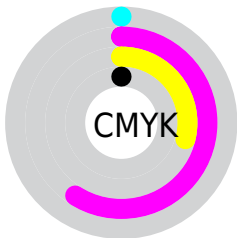
Blue (71%)



Red (100%)

Yellow (41%)

Blue (71%)

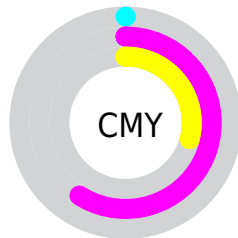


Cyan (0%)

Magenta (59%)

Yellow (29%)

Black (0%)



Cyan (0%)

Magenta (59%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF69B4 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 FF69B4 by changing the saturation by 10% instead.

 FF69B4

 FF69B4

FFFFFF

 E14C99

 FFA2EC

 C32C7F

 FFBFFF

 A50066

 FFDCCF

 88004E

 FFFAFF

 6B0037

 4F0022

 350009

 040000

 000000

■ FF69B4

■ FF69B4

■ FF50A7

■ FF83C1

■ FF369B

■ FF9CCE

■ FF1C8E

■ FFB5DA

■ FF0381

■ FFCFE7

■ FF0080

■ FFE9F4

FFFFFF

Harmonies

Analogous

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



D37EEA



FF69B4



FF6A79

Triad

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



FF69B4



96A823



00B6F8

Complementary

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



FF69B4



69FFB4

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.



00BBC6



FF69B4



4CB450

Square

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



FF69B4



CC961E



00BA8A



00ABFF

Rectangle

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



FF69B4



FE7656



00BA8A



00B9EA

Sweetspot

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



FF69B4



FFD1E8



B469FF



806371



000000



808080

Same Dimension

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



FF69B4



FF4AA4



FF6969



807379



BF0060



400020

Inverse Universe

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



FF69B4



FF4AA4



69FFFF



807379



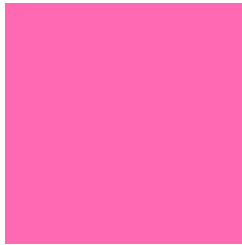
BF0060



400020

Previews

White Background



This preview shows how the Hex color FF69B4 looks on a white background.

Color Contrast Check

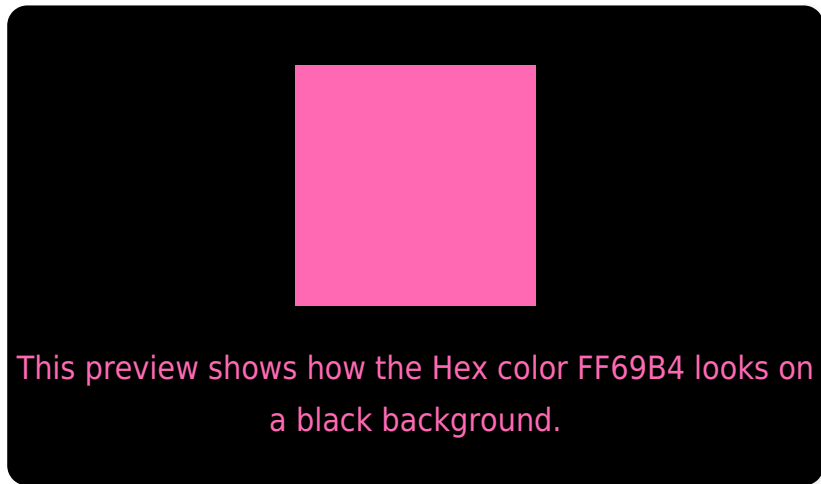
Large Text (above 18pt) WCAG AA × Fail

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 FF69B4 Background



This preview shows how black text looks on a background with the Hex color FF69B4.



This preview shows how white text looks on a background with the Hex color FF69B4.

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
FA757D

Trichromacy



Original Color
FF69B4



Protanomaly
B88ACB



Deuteranomaly
C889AF

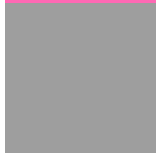


Tritanomaly
FC7191

Monochromacy



Original Color
FF69B4



Achromatopsia
9E9E9E



Achromatomaly
C18BA6

CSS Examples

Text

The CSS property to change the color of the text to Hex FF69B4 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 #FF69B4 looks like.

```
.text, #text, p{  
    color:#FF69B4  
}
```

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 #FF69B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF69B4
}
```

Border

The CSS property to change the border of an element to Hex FF69B4 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
#FF69B4 }
```

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

```
.border{ border-color:#FF69B4 }
```

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

Here you see how a box with a 4 pixel #FF69B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF69B4; -webkit-box-shadow:4px 4px  
4px 4px #FF69B4; box-shadow:4px 4px 4px  
4px #FF69B4 }
```

Background

The CSS property to change the background color of an element to Hex FF69B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF69B4 }
```

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

```
.background{ background-color:#FF69B4 }
```

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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