

Converting Colors

Hex(FF68A7)

Have a look what the booklet for
Hex(FF68A7) contains.

Hex(FF68A7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F668A7)

Conversions

Conversions Part 1

Format	Color
Hex	FF68A7
RGB	255, 104, 167
RGB Percent	100%, 41%, 65%
CMY	0.0000, 0.5922, 0.3451
CMYK	0.00, 0.59, 0.35, 0.00
HSL	335°, 100%, 70%
HSV	335°, 59%, 100%
XYZ	53.1654, 33.9506, 40.3102
YIQ	156.3310, 69.7730, 51.6050

Conversions

Conversions Part 2

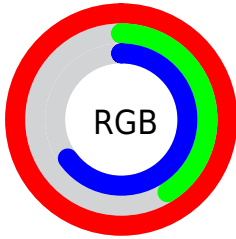
Format	Color
R_{YB}	255, 104, 167
Decimal	16738471
CIE _{Lab}	64.92, 63.16, -4.09
CIE _{LCh}	65, 63.295, 356.299
Yxy	33.9506, 0.4172, 0.2664
Android (android.graphics.Color)	4294928551 (0xFFFF68A7)
YUV	156.3310, 5.2598, 86.5327
Hunter-Lab	58.2672, 60.9031, -0.2308

Details

The Hex color **FF68A7** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **68FFC0**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFA1DE**, and **C22B73** is the 20% darker color. If you saturate the color by 10%, you get **FF4F98**, and if you desaturate by 10%, it is **FF82B6**.

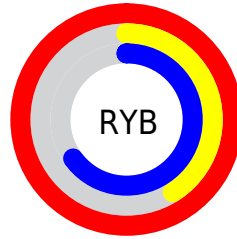
Distribution



Red (100%)

Green (41%)

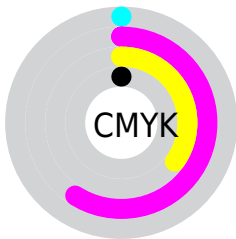
Blue (65%)



Red (100%)

Yellow (41%)

Blue (65%)

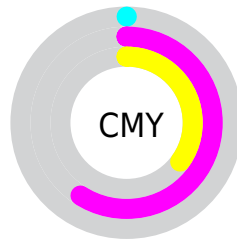


Cyan (0%)

Magenta (59%)

Yellow (35%)

Black (0%)



Cyan (0%)

Magenta (59%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF68A7 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 FF68A7 by changing the saturation by 10% instead.

 FF68A7

 FF68A7

FFFFFF

 E04B8D

 FFA1DE

 C22B73

 FFBEFB

 A5005B

 FFDBFF

 870043

 FFF9FF

 6A002D

 4E0019

 330002

 000000

 FF68A7

 FF68A7

 FF4F98

 FF82B6

 FF3589

 FF9BC5

 FF1B7A

 FFB4D4

 FF026C

 FFC EE2

 FF006A

 FFE8F1

FFFFFF

Harmonies

Analogous

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



DB79DD



FF68A7



FF6D6F

Triad

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



FF68A7



8AA92D



00B3FB

Complementary

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



FF68A7



68FFC0

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.



00B8CE



FF68A7



39B35B

Square

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



FF68A7



C1981F



00B894



00A6FF

Rectangle

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



FF68A7



F57A4D



00B894



00B5EE

Sweetspot

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



FF68A7



FFD1E4



BE68FF



80636F



000000



808080

Same Dimension

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



FF68A7



FF4A95



FF7268



807378



BF0050



40001B

Inverse Universe

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



FF68A7



FF4A95



68F5FF



807378



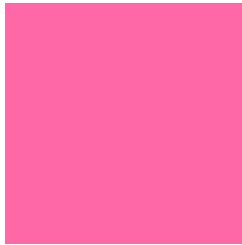
BF0050



40001B

Previews

White Background



This preview shows how the Hex color FF68A7 looks on a white background.

Color Contrast Check

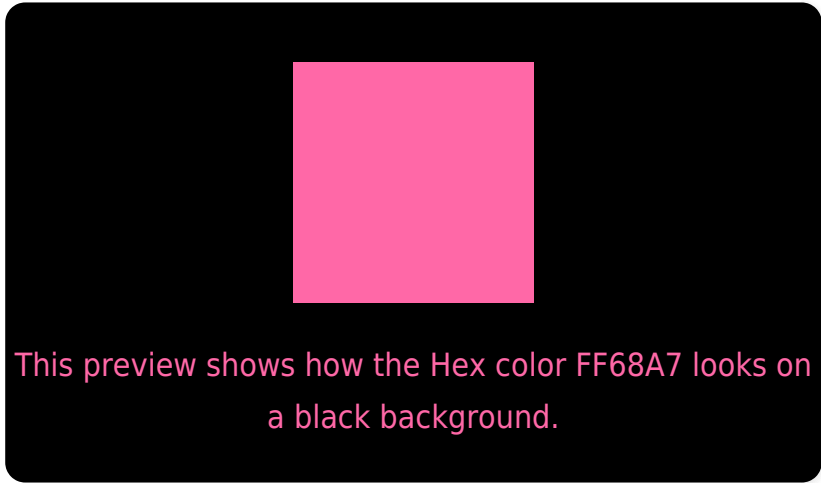
Large Text (above 18pt) WCAG AA × Fail

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 FF68A7 Background



This preview shows how black text looks on a background with the Hex color FF68A7.

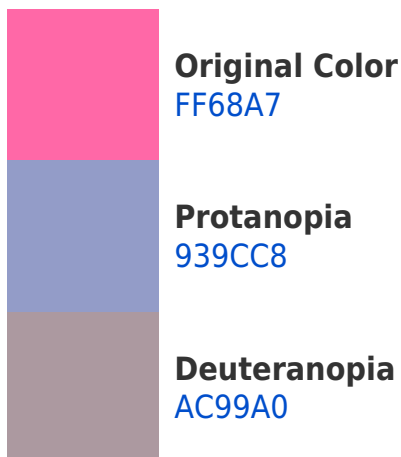


This preview shows how white text looks on a background with the Hex color FF68A7.

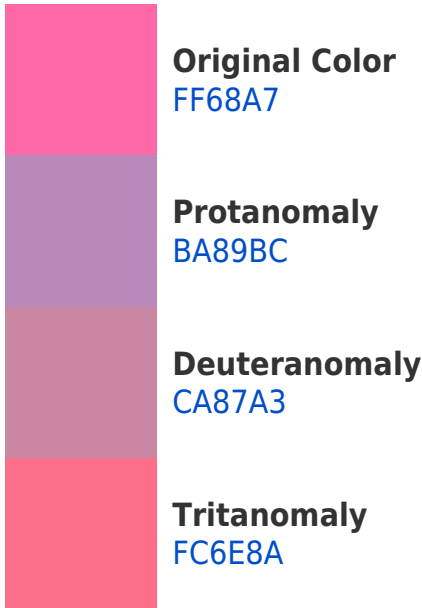
Color Blindness Simulation

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](#).

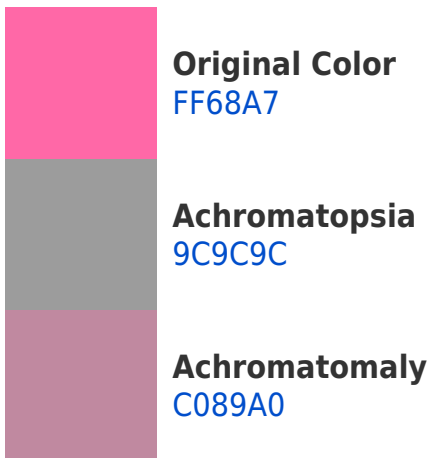
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF68A7 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 #FF68A7 looks like.

```
.text, #text, p{  
    color:#FF68A7  
}
```

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 #FF68A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF68A7
}
```

Border

The CSS property to change the border of an element to Hex FF68A7 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
#FF68A7 }
```

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

```
.border{ border-color:#FF68A7 }
```

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

Here you see how a box with a 4 pixel #FF68A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF68A7; -webkit-box-shadow:4px 4px  
4px 4px #FF68A7; box-shadow:4px 4px 4px  
4px #FF68A7 }
```

Background

The CSS property to change the background color of an element to Hex FF68A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF68A7 }
```

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

```
.background{ background-color:#FF68A7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor