

# Converting Colors

Hex(71FF8D)

Have a look what the booklet for  
Hex(71FF8D) contains.

<b>Hex(71FF8D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(71FF8D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71FF8D
RGB	113, 255, 141
RGB Percent	44%, 100%, 55%
CMY	0.5569, 0.0000, 0.4471
CMYK	0.56, 0.00, 0.45, 0.00
HSL	132°, 100%, 72%
HSV	132°, 56%, 100%
XYZ	47.3778, 76.9538, 37.5558
YIQ	199.5460, -48.0380, -65.5580

# Conversions

## Conversions Part 2

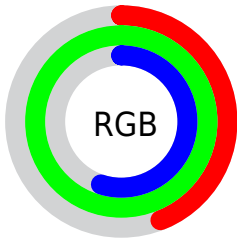
Format	Color
<a href="#">RYB</a>	<a href="#">113, 232, 255</a>
Decimal	<a href="#">7470989</a>
CIELab	<a href="#">90.30, -61.75, 43.02</a>
CIElCh	<a href="#">90, 75.253, 145.137</a>
Yxy	<a href="#">76.9538, 0.2927, 0.4754</a>
Android (android.graphics.Color)	<a href="#">4285661069 (0xFF71FF8D)</a>
YUV	<a href="#">199.5460, -28.8632, -75.9008</a>
Hunter-Lab	<a href="#">87.7233, -57.1112, 36.0233</a>

# Details

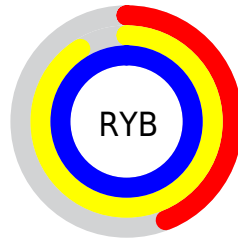
The Hex color **71FF8D** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **FF71E3**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **AEFFC4**, and **29C559** is the 20% darker color. If you saturate the color by 10%, you get **58FF79**, and if you desaturate by 10%, it is **8BFFA1**.

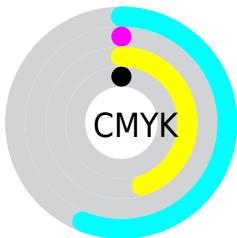
# Distribution



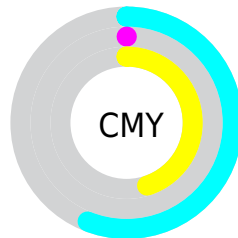
- Red (44%)
- Green (100%)
- Blue (55%)



- Red (44%)
- Yellow (91%)
- Blue (100%)



- Cyan (56%)
- Magenta (0%)
- Yellow (45%)
- Black (0%)



- Cyan (56%)
- Magenta (0%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 71FF8D 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 71FF8D by changing the saturation by 10% instead.



 71FF8D

 71FF8D

FFFFFF

 50E272

 AEFFC4

 29C559

 CCFE0

 00A93F

 EBFFFD

 008E25

 007306

 005900

 004000

 002900

 000200

 71FF8D

 71FF8D

 58FF79

 8BFFA1

 3EFF64

 A4FFB6

 24FF50

 BEFFCA

 0BFF3B

 D7FFDF

 00FF32

 F1FFF3

FFFFFF

# Harmonies

## Analogous

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



CFF157



71FF8D



00FFD5

# Triad

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



71FF8D



00EFFF



FFA7AA

# Complementary

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



71FF8D



FF71E3

# 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.



FFA3F2



71FF8D



D1D5FF

# Square

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



71FF8D



00FFFF



FFB7FF



FFC06E

# Rectangle

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



71FF8D



00FFFF



FFB7FF



FFA3C2

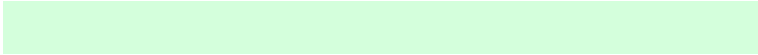


# Sweetspot

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



71FF8D



D4FFDC



E5FF71



66806B



000000



808080



# Same Dimension

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



71FF8D



54FF76



71FFD2



738075



00BF26



00400D



# Inverse Universe

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



FF71E3



FF54DD



FF719E



80737D



BF009A

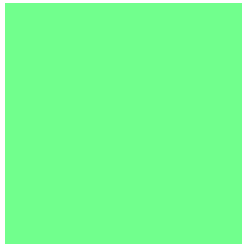


400033



# Previews

## White Background



This preview shows how the Hex color 71FF8D 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



This preview shows how the Hex color 71FF8D looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

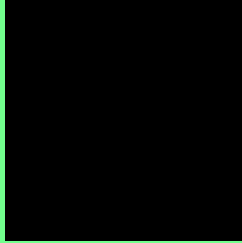
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 71FF8D Background



This preview shows how black text looks on a background with the Hex color 71FF8D.

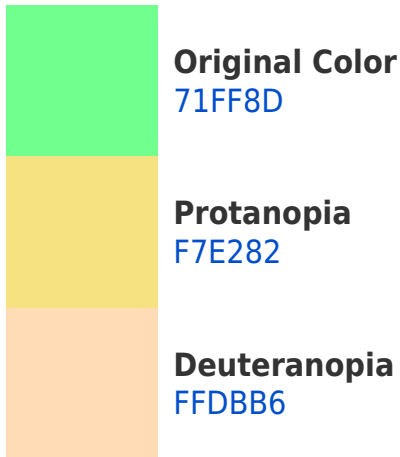


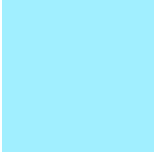
This preview shows how white text looks on a background with the Hex color 71FF8D.

# 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**  
A1EFFF

# Trichromacy



**Original Color**

71FF8D



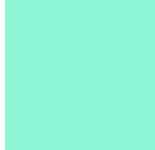
**Protanomaly**

C6ED86



**Deuteranomaly**

CBE8A7



**Tritanomaly**

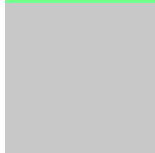
90F5D6

# Monochromacy



**Original Color**

71FF8D



**Achromatopsia**

C8C8C8



**Achromatomaly**

A8DCB3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71FF8D 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 #71FF8D looks like.

```
.text, #text, p{  
    color:#71FF8D  
}
```

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 #71FF8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71FF8D
}
```

## Border

The CSS property to change the border of an element to Hex 71FF8D 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
#71FF8D }
```

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

```
.border{ border-color:#71FF8D }
```

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

Here you see how a box with a 4 pixel #71FF8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71FF8D; -webkit-box-shadow:4px 4px  
4px 4px #71FF8D; box-shadow:4px 4px 4px  
4px #71FF8D }
```

# Background

The CSS property to change the background color of an element to Hex 71FF8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71FF8D }
```

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

```
.background{ background-color:#71FF8D }
```

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