

# Converting Colors

Hex(FFA7F9)

Have a look what the booklet for  
Hex(FFA7F9) contains.

|  |    |
|--|----|
| <b>Hex(FFA7F9)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# Color

**Hex(FFA7F9)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | FFA7F9                     |
| RGB         | 255, 167, 249              |
| RGB Percent | 100%, 65%, 98%             |
| CMY         | 0.0000, 0.3451, 0.0235     |
| CMYK        | 0.00, 0.35, 0.02, 0.00     |
| HSL         | 304°, 100%, 83%            |
| HSV         | 304°, 35%, 100%            |
| XYZ         | 72.1576, 55.7370, 96.5777  |
| YIQ         | 202.6600, 26.1260, 44.1580 |

# Conversions

## Conversions Part 2

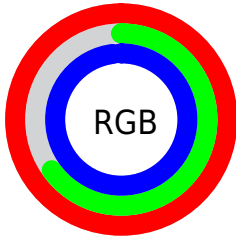
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>YB</sub>                     | 255, 167, 249                 |
| Decimal                             | 16754681                      |
| CIE <sub>Lab</sub>                  | 79.46, 44.64, -27.57          |
| CIE <sub>LCh</sub>                  | 79, 52.470, 328.302           |
| Yxy                                 | 55.7370, 0.3215,<br>0.2483    |
| Android<br>(android.graphics.Color) | 4294944761<br>(0xFFFFA7F9)    |
| YUV                                 | 202.6600, 22.8456,<br>45.9022 |
| Hunter-Lab                          | 74.6572, 41.8735,<br>-24.4384 |

# Details

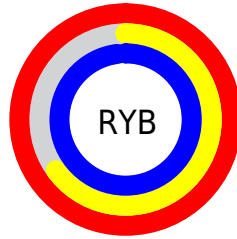
The Hex color **FFA7F9** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **A7FFAD**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFDFFF**, and **C571C0** is the 20% darker color. If you saturate the color by 10%, you get **FF8EF7**, and if you desaturate by 10%, it is **FFC1FB**.

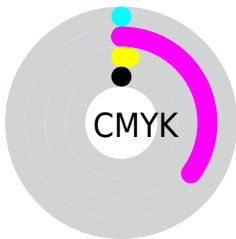
# Distribution



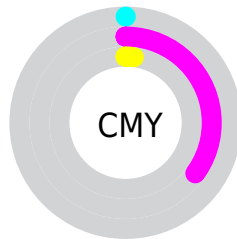
- Red (100%)
- Green (65%)
- Blue (98%)



- Red (100%)
- Yellow (65%)
- Blue (98%)



- Cyan (0%)
- Magenta (35%)
- Yellow (2%)
- Black (0%)



- Cyan (0%)
- Magenta (35%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFA7F9 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 FFA7F9 by changing the saturation by 10% instead.



 FFA7F9

FFFFFF

 FFDFFF

 FFFCFF

 FFA7F9

 E28CDC

 C571C0

 A957A5

 8D3D8B

 732371

 580358

 3F0040

 2A002A

 000114

 FFA7F9

 FFA7F9

 FF8EF7

 FFC1FB

 FF74F6

 FFDAFC

 FF5BF4

 FFF4FE

 FF41F2

FFFFFF

 FF28F0

 FF0EEF

 FF00EE

# Harmonies

## Analogous

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



C4B9FF



FFA7F9



FF9DCA

# Triad

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



FFA7F9



E5C161



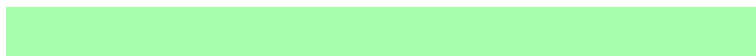
00DDF2

# Complementary

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



FFA7F9



A7FFAD

# 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.



00DEC0



FFA7F9



B4D06C

# Square

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



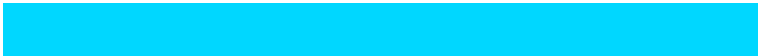
FFA7F9



FFB073



77D990



00D7FF

# Rectangle

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



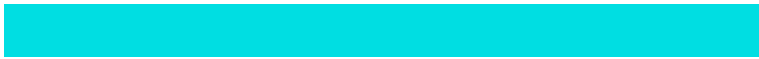
FFA7F9



FF9EA9



77D990



00DEE2



# Sweetspot

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



FFA7F9



FFE6FD



ADA7FF



80707E



000000



808080



# Same Dimension

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



FFA7F9



FF96F8



FFA7CD



80737F



BF00B2



40003B



# Inverse Universe

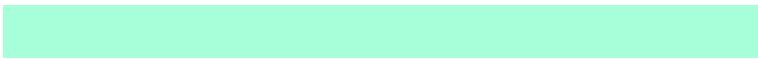
The Inverse Universe completely reimagines the original color for something new.



FFA7F9



FF96F8



A7FFD9



80737F



BF00B2



40003B



# Previews

## White Background



This preview shows how the Hex color FFA7F9 looks on a white background.

## Color Contrast Check

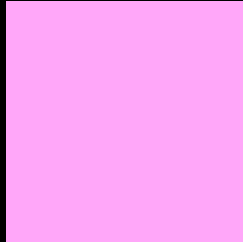
Large Text (above 18pt) WCAG AA × Fail

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 FFA7F9 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 FFA7F9 Background



This preview shows how black text looks on a background with the Hex color FFA7F9.

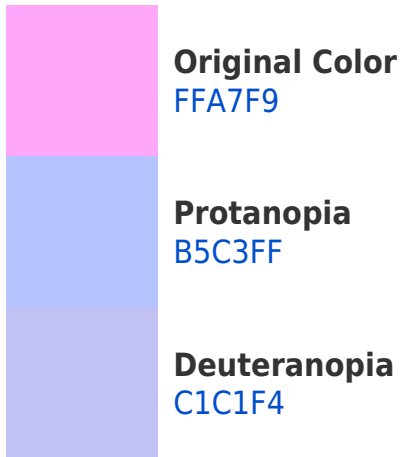


This preview shows how white text looks on a background with the Hex color FFA7F9.

# 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**  
F8B2C0

# Trichromacy



**Original Color**  
FFA7F9



**Protanomaly**  
D0B9FD



**Deuteranomaly**  
D8B8F6

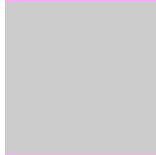


**Tritanomaly**  
FBAED5

# Monochromacy



**Original Color**  
FFA7F9



**Achromatopsia**  
CBCBCB



**Achromatomaly**  
DEBEDC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFA7F9 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 #FFA7F9 looks like.

```
.text, #text, p{  
    color:#FFA7F9  
}
```

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 #FFA7F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFA7F9
}
```

## Border

The CSS property to change the border of an element to Hex FFA7F9 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
#FFA7F9 }
```

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

```
.border{ border-color:#FFA7F9 }
```

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

Here you see how a box with a 4 pixel #FFA7F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFA7F9; -webkit-box-shadow:4px 4px  
4px 4px #FFA7F9; box-shadow:4px 4px 4px  
4px #FFA7F9 }
```

# Background

The CSS property to change the background color of an element to Hex FFA7F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFA7F9 }
```

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

```
.background{ background-color:#FFA7F9 }
```

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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