

Converting Colors

Hex(81F8A9)

Have a look what the booklet for
Hex(81F8A9) contains.

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Color

Hex(81F8A9)

Conversions

Conversions Part 1

Format	Color
Hex	81F8A9
RGB	129, 248, 169
RGB Percent	51%, 97%, 66%
CMY	0.4941, 0.0275, 0.3373
CMYK	0.48, 0.00, 0.32, 0.03
HSL	140°, 89%, 74%
HSV	140°, 48%, 97%
XYZ	49.7821, 74.6665, 49.3244
YIQ	203.4130, -45.5650, -49.7970

Conversions

Conversions Part 2

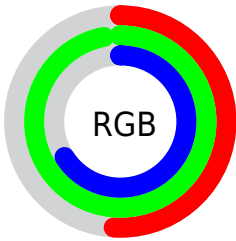
Format	Color
RYB	129, 218, 248
Decimal	8517801
CIELab	89.24, -50.57, 27.84
CIElCh	89, 57.723, 151.164
Yxy	74.6665, 0.2865, 0.4297
Android (android.graphics.Color)	4286707881 (0xFF81F8A9)
YUV	203.4130, -16.9656, -65.2602
Hunter-Lab	86.4098, -48.3803, 26.6429

Details

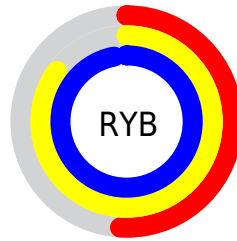
The Hex color **81F8A9** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **F881D0**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **BBFFE1**, and **45BF74** is the 20% darker color. If you saturate the color by 10%, you get **68F899**, and if you desaturate by 10%, it is **9AF8B9**.

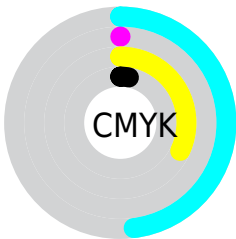
Distribution



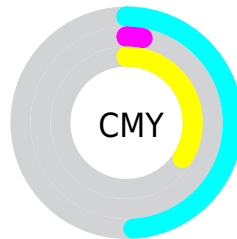
- Red (51%)
- Green (97%)
- Blue (66%)



- Red (51%)
- Yellow (85%)
- Blue (97%)



- Cyan (48%)
- Magenta (0%)
- Yellow (32%)
- Black (3%)



- Cyan (49%)
- Magenta (3%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81F8A9 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 81F8A9 by changing the saturation by 10% instead.

 81F8A9

 81F8A9

FFFFFF

 64DB8E

 BBFFE1

 45BF74

 D9FFFD

 20A35B

 F7FFFF

 008843

 006E2C

 005515

 003C00

 002600

 000000

 81F8A9

 81F8A9

 68F899

 9AF8B9

 4FF888

 B3F8CA

 37F878

 CBF8DA

 1EF867

 E4F8EB

 05F857

 FDF8FB

 00F853

 FFF8FF

Harmonies

Analogous

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



C7EE7F



81F8A9



00FDE1

Triad

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



81F8A9



87E5FF



FFB9AA

Complementary

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



81F8A9



F881D0

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.



FFB3E0



81F8A9



E7D1FF

Square

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



81F8A9



00F4FF



FFBDFD



FFCA80

Rectangle

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



81F8A9



00FCFF



FFBDFD



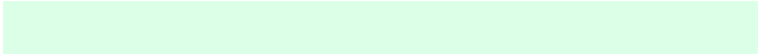
FFB5BB

Sweetspot

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



81F8A9



DBFFE7



D0F881



6A8071



000000



808080

Same Dimension

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



81F8A9



6BFF9D



81F8E4



707D75



00BD3F



003D15

Inverse Universe

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



F881D0



FF6BCD



F88195



7D7079



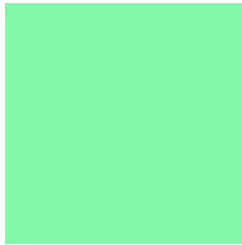
BD007D



3D0029

Previews

White Background



This preview shows how the Hex color 81F8A9 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 81F8A9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

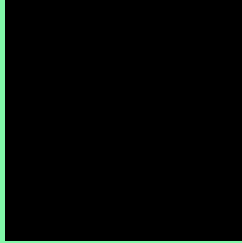
Any Text WCAG AA ✓ Pass

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 81F8A9 Background



This preview shows how black text looks on a background with the Hex color 81F8A9.

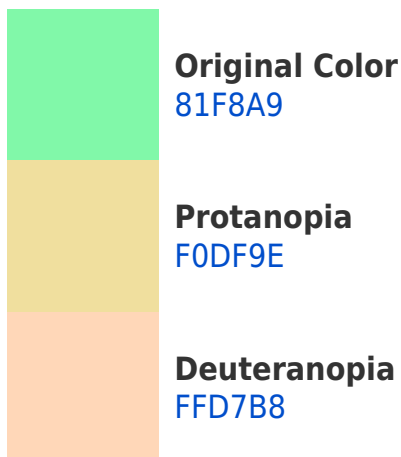


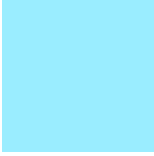
This preview shows how white text looks on a background with the Hex color 81F8A9.

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



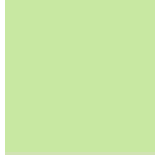


Tritanopia
9AEDFF

Trichromacy



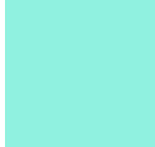
Original Color
81F8A9



Protanomaly
C8E8A2

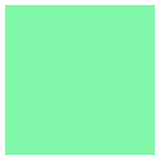


Deuteranomaly
D1E3B3

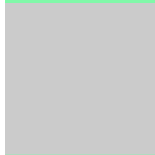


Tritanomaly
91F1E0

Monochromacy



Original Color
81F8A9



Achromatopsia
CBCBCB



Achromatomaly
B0DBBF

CSS Examples

Text

The CSS property to change the color of the text to Hex 81F8A9 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 #81F8A9 looks like.

```
.text, #text, p{  
    color:#81F8A9  
}
```

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 #81F8A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81F8A9
}
```

Border

The CSS property to change the border of an element to Hex 81F8A9 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
#81F8A9 }
```

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

```
.border{ border-color:#81F8A9 }
```

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

Here you see how a box with a 4 pixel #81F8A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81F8A9; -webkit-box-shadow:4px 4px  
4px 4px #81F8A9; box-shadow:4px 4px 4px  
4px #81F8A9 }
```

Background

The CSS property to change the background color of an element to Hex 81F8A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81F8A9 }
```

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

```
.background{ background-color:#81F8A9 }
```

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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