

Converting Colors

Hex(82FB8A)

Have a look what the booklet for
Hex(82FB8A) contains.

Hex(82FB8A)	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(82FB8A)

Conversions

Conversions Part 1

Format	Color
Hex	82FB8A
RGB	130, 251, 138
RGB Percent	51%, 98%, 54%
CMY	0.4902, 0.0157, 0.4588
CMYK	0.48, 0.00, 0.45, 0.02
HSL	124°, 94%, 75%
HSV	124°, 48%, 98%
XYZ	48.2905, 75.5752, 36.0870
YIQ	201.9390, -35.8430, -60.7950

Conversions

Conversions Part 2

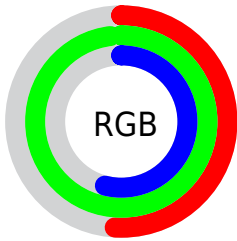
Format	Color
RYB	130, 243, 251
Decimal	8584074
CIELab	89.66, -56.46, 43.77
CIElCh	90, 71.441, 142.219
Yxy	75.5752, 0.3019, 0.4725
Android (android.graphics.Color)	4286774154 (0xFF82FB8A)
YUV	201.9390, -31.5219, -63.0905
Hunter-Lab	86.9340, -52.9803, 36.2420

Details

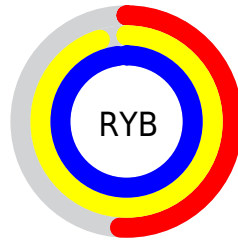
The Hex color **82FB8A** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **FB82F3**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **BDFFC1**, and **45C156** is the 20% darker color. If you saturate the color by 10%, you get **69FB73**, and if you desaturate by 10%, it is **9BFBA1**.

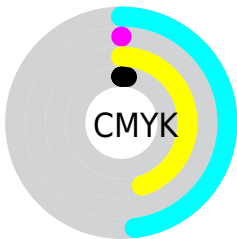
Distribution



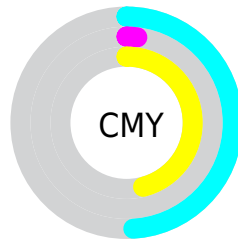
- Red (51%)
- Green (98%)
- Blue (54%)



- Red (51%)
- Yellow (95%)
- Blue (98%)



- Cyan (48%)
- Magenta (0%)
- Yellow (45%)
- Black (2%)



- Cyan (49%)
- Magenta (2%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82FB8A 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 82FB8A by changing the saturation by 10% instead.

 82FB8A

FFFFFF

 BDFFC1

 DBFFDD

 F9FFFA

 82FB8A

 64DE70

 45C156

 1DA63C

 008B22

 007002

 005700

 003E00

 002700

 000000

 82FB8A

 82FB8A

 69FB73

 9BFBA1

 50FB5B

 B4FBB9

 37FB44

 CDFBD0

 1EFB2C

 E6FBE8

 04FB15

 FFFBFF

 00FB11

Harmonies

Analogous

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



D6ED5B



82FB8A



00FFCD

Triad

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



82FB8A



00EEFF



FFA8B2

Complementary

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



82FB8A



FB82F3

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.



FFA7F6



82FB8A



C6D7FF

Square

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



82FB8A



00DFF



FFBBFF



FFBE77

Rectangle

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



82FB8A



00FFFC



FFBBFF



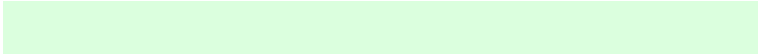
FFA5C8

Sweetspot

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



82FB8A



DBFFDE



F5FB82



6A806B



000000



808080

Same Dimension

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



82FB8A



6BFF75



82FBC5



707D71



00BD0C



003D04

Inverse Universe

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



FB82F3



FF6BF5



FB82B8



7D707C



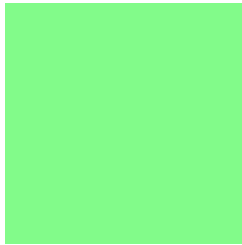
BD00B0



3D0039

Previews

White Background



This preview shows how the Hex color 82FB8A looks on a white background.

Color Contrast Check

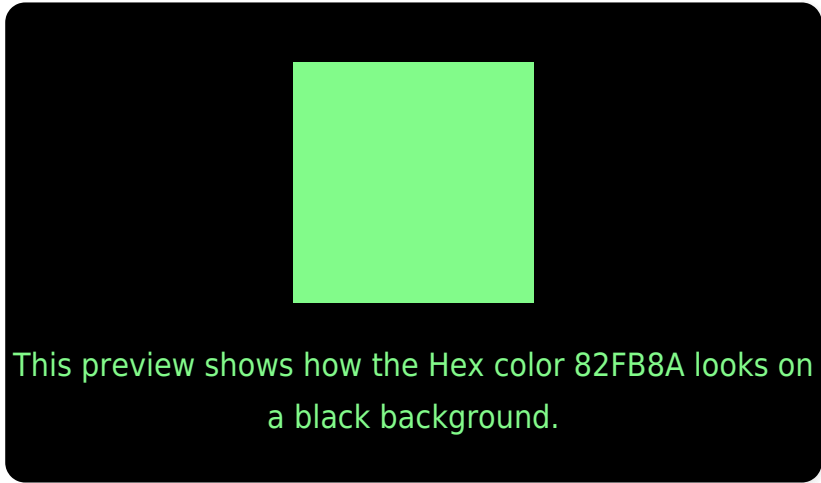
Large Text (above 18pt) WCAG AA × Fail

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

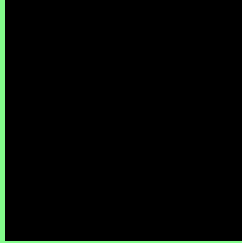
Any Text WCAG AA ✓ Pass

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 82FB8A Background



This preview shows how black text looks on a background with the Hex color 82FB8A.

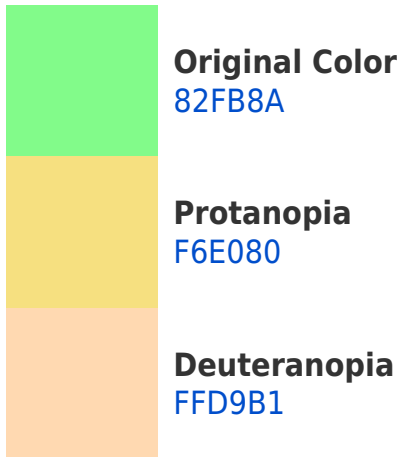


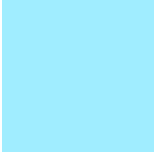
This preview shows how white text looks on a background with the Hex color 82FB8A.

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](#).

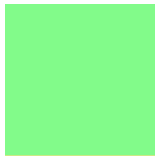
Dichromacy



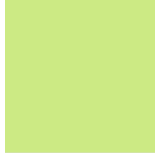


Tritanopia
A0EDFF

Trichromacy



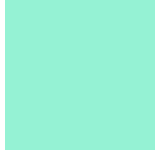
Original Color
82FB8A



Protanomaly
CCEA84



Deuteranomaly
D2E5A3

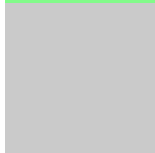


Tritanomaly
95F2D4

Monochromacy



Original Color
82FB8A



Achromatopsia
CACACA



Achromatomaly
B0DCB3

CSS Examples

Text

The CSS property to change the color of the text to Hex 82FB8A 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 #82FB8A looks like.

```
.text, #text, p{  
    color:#82FB8A  
}
```

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 #82FB8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82FB8A
}
```

Border

The CSS property to change the border of an element to Hex 82FB8A 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
#82FB8A }
```

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

```
.border{ border-color:#82FB8A }
```

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

Here you see how a box with a 4 pixel #82FB8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82FB8A; -webkit-box-shadow:4px 4px  
4px 4px #82FB8A; box-shadow:4px 4px 4px  
4px #82FB8A }
```

Background

The CSS property to change the background color of an element to Hex 82FB8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82FB8A }
```

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

```
.background{ background-color:#82FB8A }
```

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