

Converting Colors

Hex(82FFAA)

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

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Color

Hex(82FFAA)

Conversions

Conversions Part 1

Format	Color
Hex	82FFAA
RGB	130, 255, 170
RGB Percent	51%, 100%, 67%
CMY	0.4902, 0.0000, 0.3333
CMYK	0.49, 0.00, 0.33, 0.00
HSL	139°, 100%, 75%
HSV	139°, 49%, 100%
XYZ	52.2216, 79.1681, 50.5588
YIQ	207.9350, -47.2150, -52.9350

Conversions

Conversions Part 2

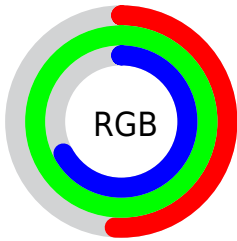
Format	Color
RYB	130, 225, 255
Decimal	8585130
CIELab	91.31, -53.03, 30.14
CIElCh	91, 60.995, 150.382
Yxy	79.1681, 0.2870, 0.4351
Android (android.graphics.Color)	4286775210 (0xFF82FFAA)
YUV	207.9350, -18.7020, -68.3490
Hunter-Lab	88.9765, -50.9445, 28.5934

Details

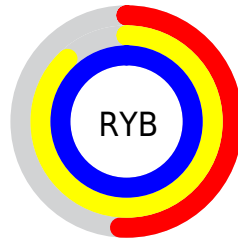
The Hex color **82FFAA** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **FF82D7**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **BDFFE2**, and **45C575** is the 20% darker color. If you saturate the color by 10%, you get **69FF99**, and if you desaturate by 10%, it is **9BFFBB**.

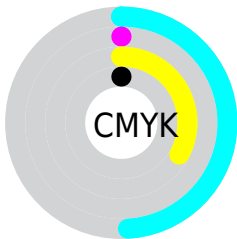
Distribution



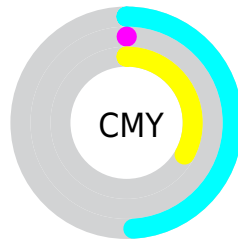
- Red (51%)
- Green (100%)
- Blue (67%)



- Red (51%)
- Yellow (88%)
- Blue (100%)



- Cyan (49%)
- Magenta (0%)
- Yellow (33%)
- Black (0%)



- Cyan (49%)
- Magenta (0%)
- Yellow (33%)

Brightness & Saturation Gradients

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

 82FFAA

 82FFAA

FFFFFF

 64E28F

 BDFFE2

 45C575

 DBFFFF

 1DAA5C

 F9FFFF

 008E44

 00742C

 005A14

 004100

 002B00

 000900

 82FFAA

 82FFAA

 69FF99

 9BFFBB

 4FFF87

 B5FFCD

 35FF76

 CFFFDE

 1CFF65

 E8FFEf

 02FF53

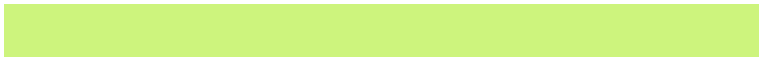
FFFFFF

 00FF52

Harmonies

Analogous

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



CDF47D



82FFAA



00FE5

Triad

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



82FFAA



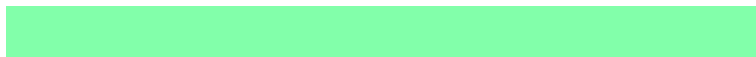
80ECFF



FFBBAE

Complementary

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



82FFAA



FF82D7

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.



FFB5E8



82FFAA



EBD6FF

Square

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



82FFAA



00BFF



FFC1FF



FFCE81

Rectangle

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



82FFAA



00FFFF



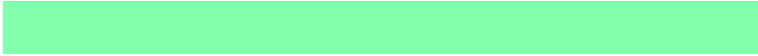
FFC1FF



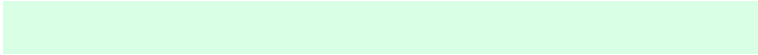
FFB7C0

Sweetspot

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



82FFAA



D9FFE5



D7FF82



698070



000000



808080

Same Dimension

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



82FFAA



69FF99



82FFE8



738077



00BF3D



004014

Inverse Universe

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



FF82D7



FF69CF



FF8299



80737B



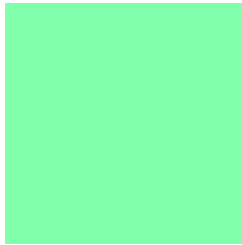
BF0082



40002B

Previews

White Background



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

Color Contrast Check

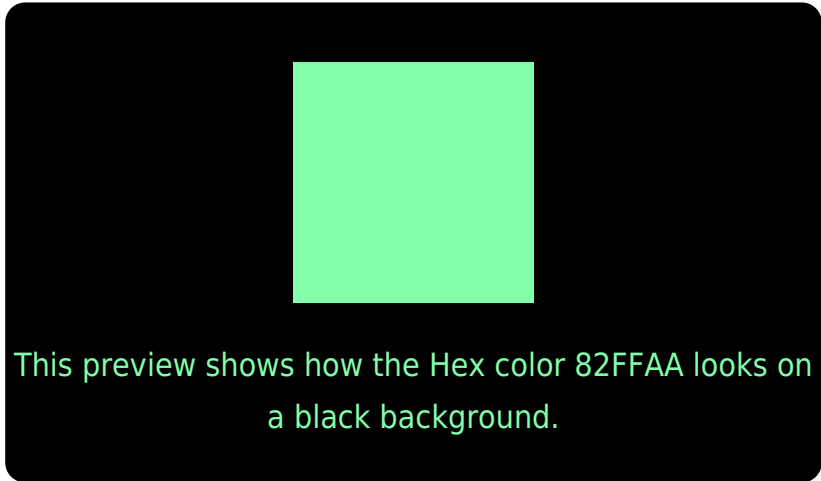
Large Text (above 18pt) WCAG AA × Fail

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

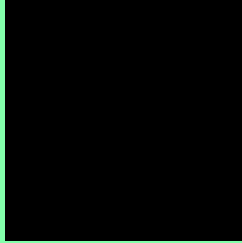
Any Text WCAG AA ✓ Pass

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 82FFAA Background



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

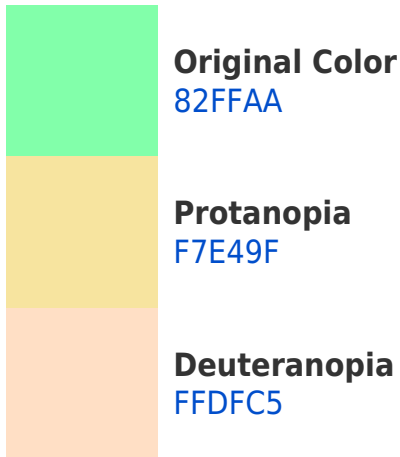


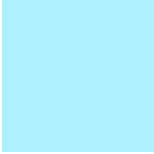
This preview shows how white text looks on a background with the Hex color 82FFAA.

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
AFFOFF

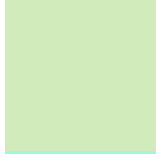
Trichromacy



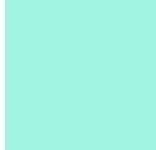
Original Color
82FFAA



Protanomaly
CCEEA3

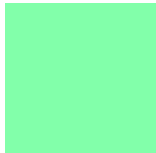


Deuteranomaly
D2EBBB

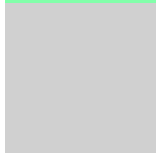


Tritanomaly
9FF5E0

Monochromacy



Original Color
82FFAA



Achromatopsia
D0D0D0



Achromatomaly
B4E1C2

CSS Examples

Text

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

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

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 #82FFAA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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