

Converting Colors

Hex(80FFA3)

Have a look what the booklet for
Hex(80FFA3) contains.

Hex(80FFA3)	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(80FFA3)

Conversions

Conversions Part 1

Format	Color
Hex	80FFA3
RGB	128, 255, 163
RGB Percent	50%, 100%, 64%
CMY	0.4980, 0.0000, 0.3608
CMYK	0.50, 0.00, 0.36, 0.00
HSL	137°, 100%, 75%
HSV	137°, 50%, 100%
XYZ	51.2729, 78.7535, 47.1489
YIQ	206.5390, -46.1600, -55.5360

Conversions

Conversions Part 2

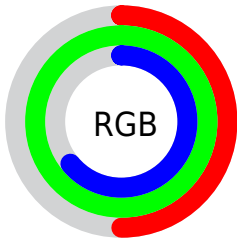
Format	Color
RYB	128, 228, 255
Decimal	8454051
CIELab	91.12, -54.71, 33.38
CIElCh	91, 64.093, 148.609
Yxy	78.7535, 0.2894, 0.4445
Android (android.graphics.Color)	4286644131 (0xFF80FFA3)
YUV	206.5390, -21.4647, -68.8787
Hunter-Lab	88.7432, -52.1691, 30.6197

Details

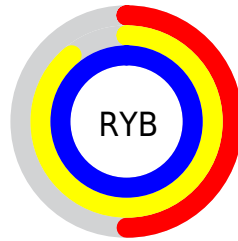
The Hex color **80FFA3** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **FF80DC**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **BBFFDB**, and **42C56E** is the 20% darker color. If you saturate the color by 10%, you get **67FF91**, and if you desaturate by 10%, it is **9AFFB5**.

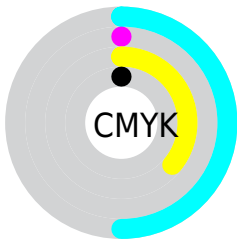
Distribution



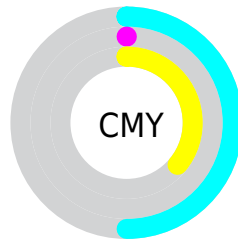
- Red (50%)
- Green (100%)
- Blue (64%)



- Red (50%)
- Yellow (89%)
- Blue (100%)



- Cyan (50%)
- Magenta (0%)
- Yellow (36%)
- Black (0%)



- Cyan (50%)
- Magenta (0%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80FFA3 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 80FFA3 by changing the saturation by 10% instead.

 80FFA3

 80FFA3

FFFFFF

 62E288

 BBFFDB

 42C56E

 D9FFF7

 18A955

 F7FFFF

 008E3D

 007425


 005A0B

 004100

 002B00

 000800

 80FFA3

 80FFA3

 67FF91

 9AFFB5

 4DFF7E

 B3FFC8

 33FF6C

 CDFFDA

 1AFF59

 E6FFED

 00FF47

FFFFFF

 00FF46

Harmonies

Analogous

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



CEF375



80FFA3



00FE1

Triad

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



80FFA3



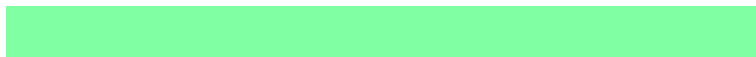
6BEDFF



FFB7AE

Complementary

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



80FFA3



FF80DC

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.



FFB2EB



80FFA3



E5D7FF

Square

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



80FFA3



00FCFF



FFBFFF



FFCB7D

Rectangle

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



80FFA3



00FFFF



FFBFFF



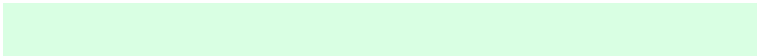
FFB3C2

Sweetspot

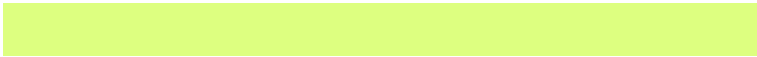
The Sweet Spot groups the original color and five complimentary colors.



80FFA3



D9FFE3



DDFF80



69806F



000000



808080

Same Dimension

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



80FFA3



66FF90



80FFE1



738076



00BF35



004012

Inverse Universe

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



FF80DC



FF66D5



FF809E



80737C



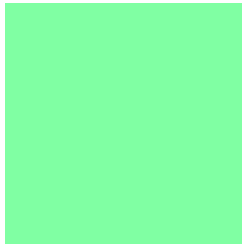
BF008B



40002E

Previews

White Background



This preview shows how the Hex color 80FFA3 looks on a white background.

Color Contrast Check

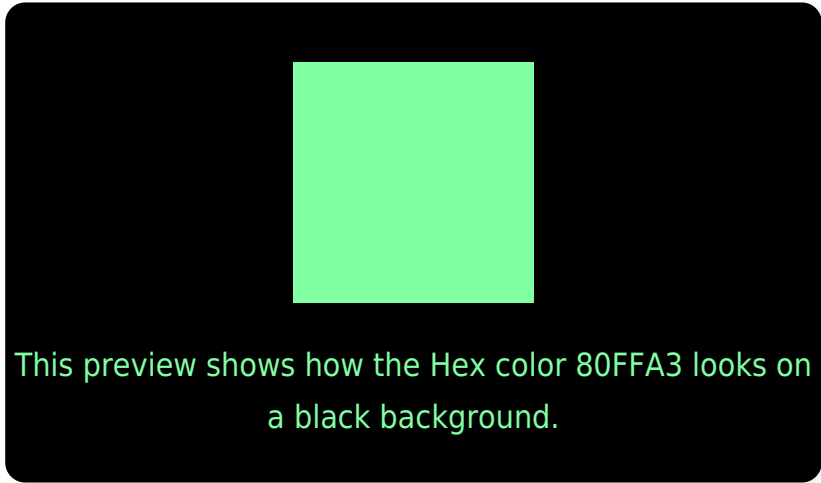
Large Text (above 18pt) WCAG AA × Fail

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

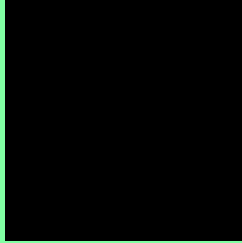
Any Text WCAG AA ✓ Pass

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 80FFA3 Background



This preview shows how black text looks on a background with the Hex color 80FFA3.

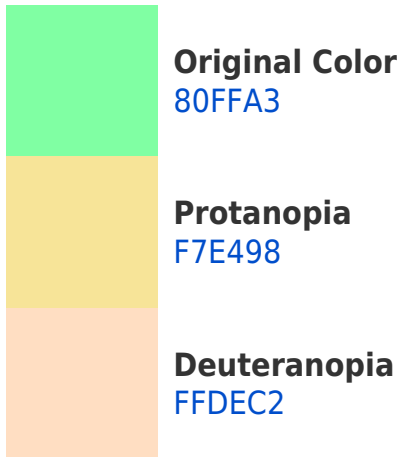


This preview shows how white text looks on a background with the Hex color 80FFA3.

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](#).

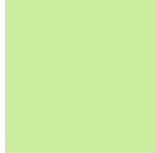
Dichromacy



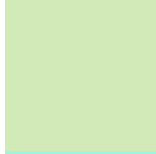
Trichromacy



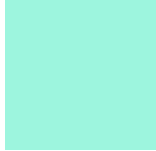
Original Color
80FFA3



Protanomaly
CCEE9C

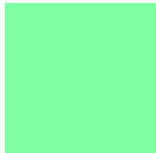


Deuteranomaly
D1EAB7

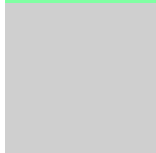


Tritanomaly
9DF5DE

Monochromacy



Original Color
80FFA3



Achromatopsia
CFCFCF



Achromatomaly
B2E0BF

CSS Examples

Text

The CSS property to change the color of the text to Hex 80FFA3 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 #80FFA3 looks like.

```
.text, #text, p{  
    color:#80FFA3  
}
```

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 #80FFA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80FFA3
}
```

Border

The CSS property to change the border of an element to Hex 80FFA3 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
#80FFA3 }
```

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

```
.border{ border-color:#80FFA3 }
```

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

Here you see how a box with a 4 pixel #80FFA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80FFA3; -webkit-box-shadow:4px 4px  
4px 4px #80FFA3; box-shadow:4px 4px 4px  
4px #80FFA3 }
```

Background

The CSS property to change the background color of an element to Hex 80FFA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80FFA3 }
```

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

```
.background{ background-color:#80FFA3 }
```

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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