

Converting Colors

Hex(8BF4A3)

Have a look what the booklet for
Hex(8BF4A3) contains.

Hex(8BF4A3)	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(8BF4A3)

Conversions

Conversions Part 1

Format	Color
Hex	8BF4A3
RGB	139, 244, 163
RGB Percent	55%, 96%, 64%
CMY	0.4549, 0.0431, 0.3608
CMYK	0.43, 0.00, 0.33, 0.04
HSL	134°, 83%, 75%
HSV	134°, 43%, 96%
XYZ	49.6090, 72.8347, 46.0942
YIQ	203.3710, -36.5790, -47.4510

Conversions

Conversions Part 2

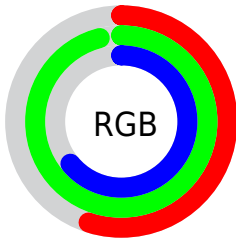
Format	Color
RYB	139, 224, 244
Decimal	9172131
CIELab	88.37, -47.29, 29.77
CIELCh	88, 55.885, 147.808
Yxy	72.8347, 0.2943, 0.4322
Android (android.graphics.Color)	4287362211 (0xFF8BF4A3)
YUV	203.3710, -19.9029, -56.4534
Hunter-Lab	85.3432, -45.5907, 27.7175

Details

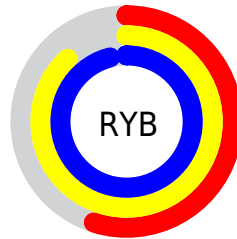
The Hex color **8BF4A3** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **F48BDC**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **C5FFDA**, and **52BB6F** is the 20% darker color. If you saturate the color by 10%, you get **73F490**, and if you desaturate by 10%, it is **A3F4B6**.

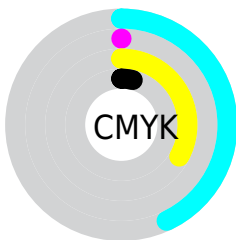
Distribution



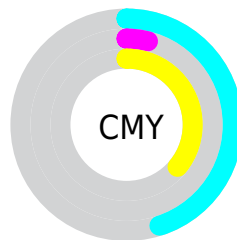
- Red (55%)
- Green (96%)
- Blue (64%)



- Red (55%)
- Yellow (88%)
- Blue (96%)



- Cyan (43%)
- Magenta (0%)
- Yellow (33%)
- Black (4%)



- Cyan (45%)
- Magenta (4%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8BF4A3 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 8BF4A3 by changing the saturation by 10% instead.

 8BF4A3

 8BF4A3

FFFFFF

 6FD788

 C5FFDA

 52BB6F

 E2FFF7

 33A056

 05853D

 006B26

 00520E

 003900

 002400

 000000

 8BF4A3

 8BF4A3

 73F490

 A3F4B6

 5AF47D

 BCF4C9

 42F46B

 D4F4DB

 29F458

 EDF4EE

 11F445

 FFF4FF

 00F438

Harmonies

Analogous

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



CCE97D



8BF4A3



12F9D8

Triad

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



8BF4A3



7CE4FF



FFB6AF

Complementary

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



8BF4A3



F48BDC

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.



FFB2E4



8BF4A3



DCD1FF

Square

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



8BF4A3



00F2FF



FFBEFF



FFC685

Rectangle

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



8BF4A3



00F9FD



FFBEFF



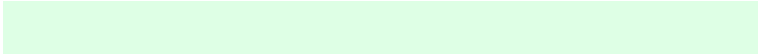
FFB3C0

Sweetspot

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



8BF4A3



DEFFE5



DDF48B



6B8070



000000



808080

Same Dimension

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



8BF4A3



7AFF99



8BF4D6



6E7A71



00BA2B



003B0D

Inverse Universe

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



F48BDC



FF7AE1



F48BA9



7A6E78



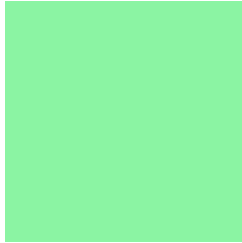
BA0090



3B002D

Previews

White Background



This preview shows how the Hex color 8BF4A3 looks on a white background.

Color Contrast Check

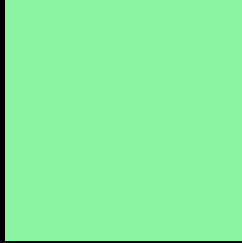
Large Text (above 18pt) WCAG AA × Fail

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 8BF4A3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

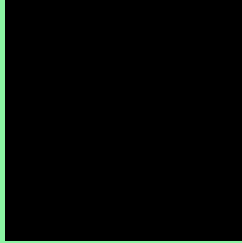
Any Text WCAG AA ✓ Pass

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 8BF4A3 Background



This preview shows how black text looks on a background with the Hex color 8BF4A3.

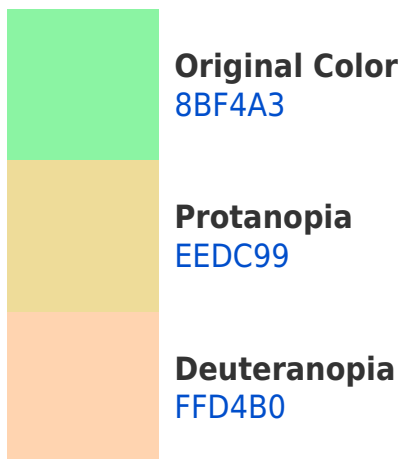


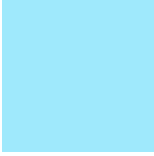
This preview shows how white text looks on a background with the Hex color 8BF4A3.

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](#).

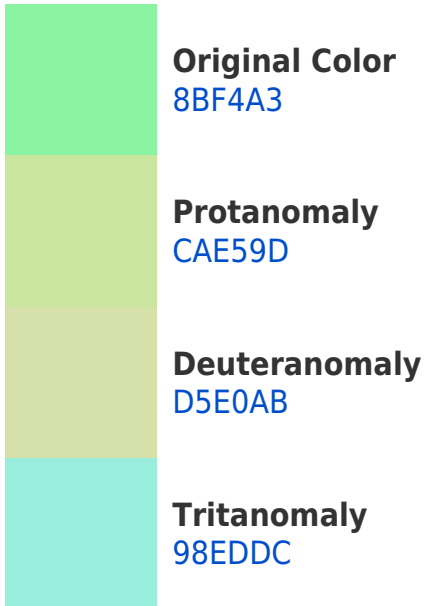
Dichromacy



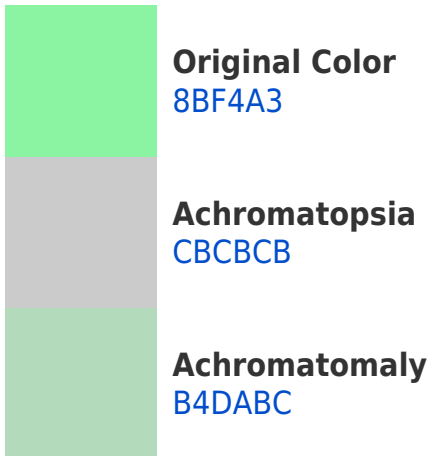


Tritanopia
9FE9FC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8BF4A3 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 #8BF4A3 looks like.

```
.text, #text, p{  
    color:#8BF4A3  
}
```

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 #8BF4A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BF4A3
}
```

Border

The CSS property to change the border of an element to Hex 8BF4A3 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
#8BF4A3 }
```

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

```
.border{ border-color:#8BF4A3 }
```

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

Here you see how a box with a 4 pixel #8BF4A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BF4A3; -webkit-box-shadow:4px 4px  
4px 4px #8BF4A3; box-shadow:4px 4px 4px  
4px #8BF4A3 }
```

Background

The CSS property to change the background color of an element to Hex 8BF4A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BF4A3 }
```

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

```
.background{ background-color:#8BF4A3 }
```

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