

Converting Colors

Hex(9BF2A6)

Have a look what the booklet for
Hex(9BF2A6) contains.

Hex(9BF2A6)	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(9BF2A6)

Conversions

Conversions Part 1

Format	Color
Hex	9BF2A6
RGB	155, 242, 166
RGB Percent	61%, 95%, 65%
CMY	0.3922, 0.0510, 0.3490
CMYK	0.36, 0.00, 0.31, 0.05
HSL	128°, 77%, 78%
HSV	128°, 36%, 95%
XYZ	52.1526, 73.2260, 47.4617
YIQ	207.3230, -27.4560, -42.0800

Conversions

Conversions Part 2

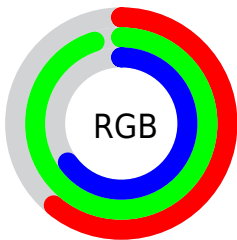
Format	Color
RYB	155, 232, 242
Decimal	10220198
CIELab	88.56, -41.33, 28.62
CIELCh	89, 50.275, 145.295
Yxy	73.2260, 0.3017, 0.4237
Android (android.graphics.Color)	4288410278 (0xFF9BF2A6)
YUV	207.3230, -20.3722, -45.8873
Hunter-Lab	85.5722, -40.9631, 27.0160

Details

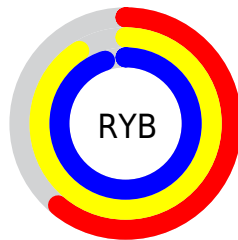
The Hex color **9BF2A6** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **F29BE7**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **D4FFDD**, and **64B971** is the 20% darker color. If you saturate the color by 10%, you get **83F291**, and if you desaturate by 10%, it is **B3F2BB**.

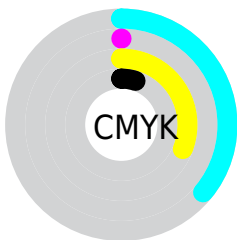
Distribution



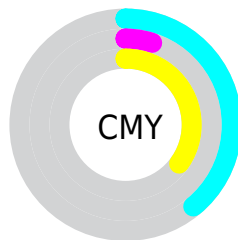
- Red (61%)
- Green (95%)
- Blue (65%)



- Red (61%)
- Yellow (91%)
- Blue (95%)



- Cyan (36%)
- Magenta (0%)
- Yellow (31%)
- Black (5%)



- Cyan (39%)
- Magenta (5%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BF2A6 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 9BF2A6 by changing the saturation by 10% instead.

 9BF2A6

 9BF2A6

FFFFFF

 7FD58B

 D4FFDD

 64B971

 F1FFFA

 489E58

 2B8340

 026A29

 005112

 003900

 002400

 000000

 9BF2A6

 9BF2A6

 83F291

 B3F2BB

 6BF27C

 CBF2D0

 52F267

 E4F2E5

 3AF251

 FCF2FB

 22F23C

 FFF2FF

 0AF227

 00F21F

Harmonies

Analogous

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



D4E886



9BF2A6



53F7D5

Triad

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



9BF2A6



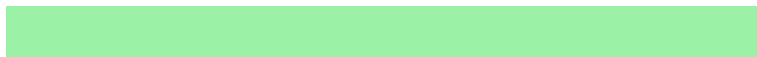
86E5FF



FFBBB8

Complementary

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



9BF2A6



F29BE7

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.



FFB9E8



9BF2A6



D8D5FF

Square

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



9BF2A6



00F1FF



FFC3FF



FFC891

Rectangle

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



9BF2A6



00F8F6



FFC3FF



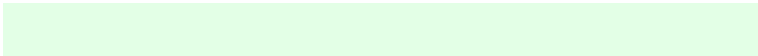
FFB9C7

Sweetspot

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



9BF2A6



E3FFE6



E8F29B



6F8071



000000



808080

Same Dimension

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



9BF2A6



91FF9F



9BF2D1



6C786D



00B817



003807

Inverse Universe

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



F29BE7



FF91F1



F29BBC



786C76



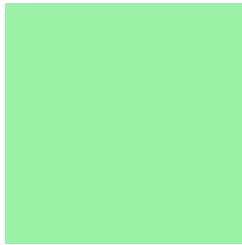
B800A0



380031

Previews

White Background



This preview shows how the Hex color 9BF2A6 looks on a white background.

Color Contrast Check

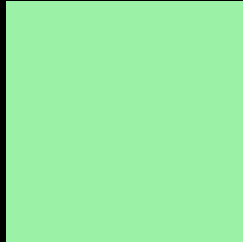
Large Text (above 18pt) WCAG AA × Fail

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 9BF2A6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

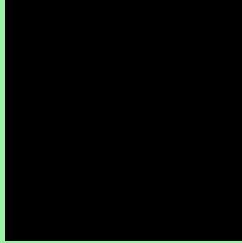
Any Text WCAG AA ✓ Pass

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 9BF2A6 Background



This preview shows how black text looks on a background with the Hex color 9BF2A6.

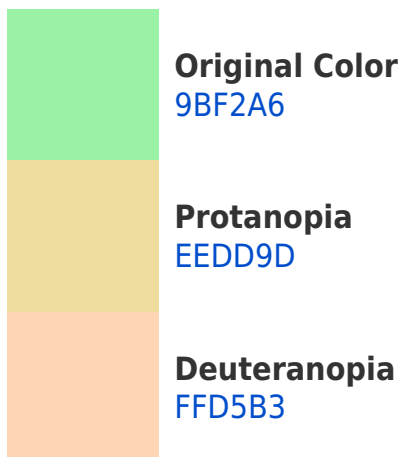


This preview shows how white text looks on a background with the Hex color 9BF2A6.

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



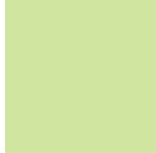


Tritanopia
ACE7FA

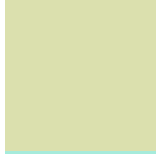
Trichromacy



Original Color
9BF2A6



Protanomaly
D0E5A0



Deuteranomaly
DBE0AE

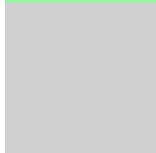


Tritanomaly
A6EBDB

Monochromacy



Original Color
9BF2A6



Achromatopsia
CFCFCF



Achromatomaly
BCDCC0

CSS Examples

Text

The CSS property to change the color of the text to Hex 9BF2A6 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 #9BF2A6 looks like.

```
.text, #text, p{  
    color:#9BF2A6  
}
```

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 #9BF2A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BF2A6  
}
```

Border

The CSS property to change the border of an element to Hex 9BF2A6 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  
#9BF2A6 }
```

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

```
.border{ border-color:#9BF2A6 }
```

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

Here you see how a box with a 4 pixel #9BF2A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BF2A6; -webkit-box-shadow:4px 4px  
4px 4px #9BF2A6; box-shadow:4px 4px 4px  
4px #9BF2A6 }
```

Background

The CSS property to change the background color of an element to Hex 9BF2A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BF2A6 }
```

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

```
.background{ background-color:#9BF2A6 }
```

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