

Converting Colors

Hex(9CF3BA)

Have a look what the booklet for
Hex(9CF3BA) contains.

Hex(9CF3BA)	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(9CF3BA)

Conversions

Conversions Part 1

Format	Color
Hex	9CF3BA
RGB	156, 243, 186
RGB Percent	61%, 95%, 73%
CMY	0.3882, 0.0471, 0.2706
CMYK	0.36, 0.00, 0.23, 0.05
HSL	141°, 78%, 78%
HSV	141°, 36%, 95%
XYZ	54.6238, 74.7143, 57.9967
YIQ	210.4890, -33.5550, -36.1710

Conversions

Conversions Part 2

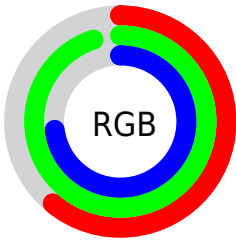
Format	Color
RYB	156, 221, 243
Decimal	10286010
CIELab	89.26, -38.00, 19.36
CIElCh	89, 42.645, 153.004
Yxy	74.7143, 0.2916, 0.3988
Android (android.graphics.Color)	4288476090 (0xFF9CF3BA)
YUV	210.4890, -12.0731, -47.7869
Hunter-Lab	86.4374, -38.4630, 20.7245

Details

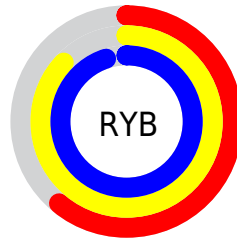
The Hex color **9CF3BA** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F39CD5**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **D5FFF2**, and **65BA85** is the 20% darker color. If you saturate the color by 10%, you get **84F3AA**, and if you desaturate by 10%, it is **B4F3CA**.

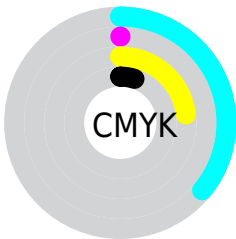
Distribution



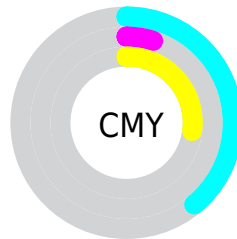
- Red (61%)
- Green (95%)
- Blue (73%)



- Red (61%)
- Yellow (87%)
- Blue (95%)



- Cyan (36%)
- Magenta (0%)
- Yellow (23%)
- Black (5%)



- Cyan (39%)
- Magenta (5%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CF3BA 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 9CF3BA by changing the saturation by 10% instead.

 9CF3BA

 9CF3BA

FFFFFF

 80D69F

 D5FFF2

 65BA85

 F2FFFF

 4A9F6B

 2D8453

 066B3B

 005225

 003A10

 002500

 000000

 9CF3BA

 9CF3BA

 84F3AA

 B4F3CA

 6BF39A

 CDF3DA

 53F38A

 E5F3EA

 3BF37A

 FDF3FA

 23F36A

 FFF3FF

 0AF35A

 00F354

Harmonies

Analogous

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



CCEB9B



9CF3BA



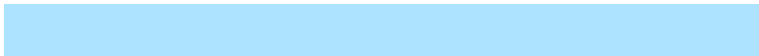
6AF6E3

Triad

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



9CF3BA



AEE3FF



FFC5B6

Complementary

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



9CF3BA



F39CD5

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.



FFC1DE



9CF3BA



EBD4FF

Square

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



9CF3BA



6DEEFF



FFC7FF



FFD199

Rectangle

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



9CF3BA



4FF6FF



FFC7FF



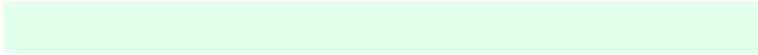
FFC3C2

Sweetspot

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



9CF3BA



E3FFED



D6F39C



6F8075



000000



808080

Same Dimension

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



9CF3BA



91FFB7



9CF3E4



6E7A72



00BA40



003B14

Inverse Universe

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



F39CD5



FF91D9



F39CAB



7A6E76



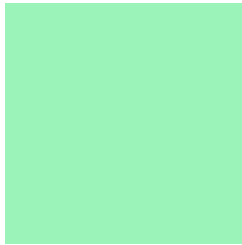
BA007A



3B0026

Previews

White Background



This preview shows how the Hex color 9CF3BA looks on a white background.

Color Contrast Check

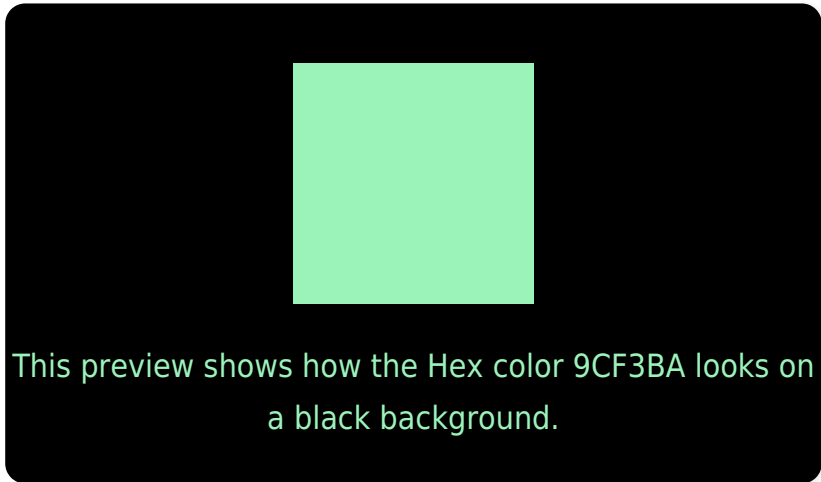
Large Text (above 18pt) WCAG AA × Fail

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

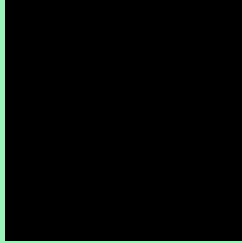
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

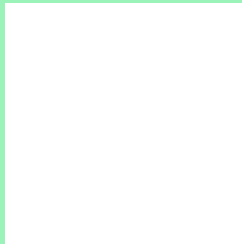
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 9CF3BA Background



This preview shows how black text looks on a background with the Hex color 9CF3BA.

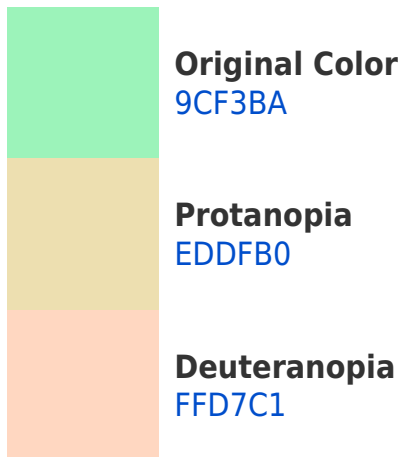


This preview shows how white text looks on a background with the Hex color 9CF3BA.

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](#).

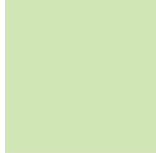
Dichromacy



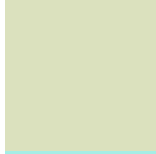
Trichromacy



Original Color
9CF3BA



Protanomaly
D0E6B4

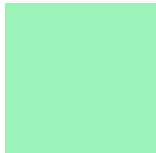


Deuteranomaly
DBE1BE

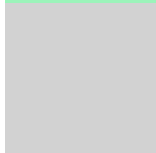


Tritanomaly
A5EDE5

Monochromacy



Original Color
9CF3BA



Achromatopsia
D2D2D2



Achromatomaly
BEDEC9

CSS Examples

Text

The CSS property to change the color of the text to Hex 9CF3BA 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 #9CF3BA looks like.

```
.text, #text, p{  
    color:#9CF3BA  
}
```

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 #9CF3BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CF3BA
}
```

Border

The CSS property to change the border of an element to Hex 9CF3BA 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
#9CF3BA }
```

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

```
.border{ border-color:#9CF3BA }
```

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

Here you see how a box with a 4 pixel #9CF3BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CF3BA; -webkit-box-shadow:4px 4px  
4px 4px #9CF3BA; box-shadow:4px 4px 4px  
4px #9CF3BA }
```

Background

The CSS property to change the background color of an element to Hex 9CF3BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CF3BA }
```

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

```
.background{ background-color:#9CF3BA }
```

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