

# Converting Colors

Hex(9BF2C3)

Have a look what the booklet for  
Hex(9BF2C3) contains.

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# **Color**

**Hex(9BF2C3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BF2C3
RGB	155, 242, 195
RGB Percent	61%, 95%, 76%
CMY	0.3922, 0.0510, 0.2353
CMYK	0.36, 0.00, 0.19, 0.05
HSL	148°, 77%, 78%
HSV	148°, 36%, 95%
XYZ	55.1200, 74.4130, 63.0878
YIQ	210.6290, -36.7650, -33.0610

# Conversions

## Conversions Part 2

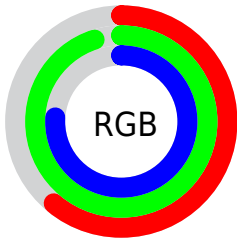
<b>Format</b>	<b>Color</b>
<b>RYB</b>	155, 215, 242
Decimal	10220227
CIELab	89.12, -36.13, 14.50
CIELCh	89, 38.934, 158.131
Yxy	74.4130, 0.2862, 0.3863
Android (android.graphics.Color)	4288410307 (0xFF9BF2C3)
YUV	210.6290, -7.7051, -48.7866
Hunter-Lab	86.2629, -36.9028, 17.0228

# Details

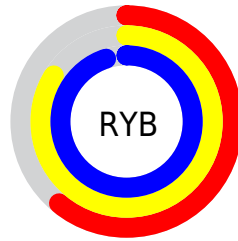
The Hex color **9BF2C3** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F29BCA**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **D4FFFC**, and **64B98D** is the 20% darker color. If you saturate the color by 10%, you get **83F2B6**, and if you desaturate by 10%, it is **B3F2D0**.

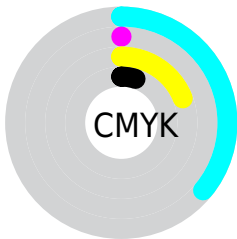
# Distribution



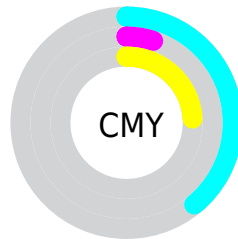
- Red (61%)
- Green (95%)
- Blue (76%)



- Red (61%)
- Yellow (84%)
- Blue (95%)



- Cyan (36%)
- Magenta (0%)
- Yellow (19%)
- Black (5%)



- Cyan (39%)
- Magenta (5%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BF2C3 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 9BF2C3 by changing the saturation by 10% instead.



 9BF2C3

 9BF2C3

FFFFFF

 7FD5A8

 D4FFFC

 64B98D

 F1FFFF

 499E74

 2C845B

 046A43

 00512D

 003918

 002500

 000000

 9BF2C3

 9BF2C3

 83F2B6

 B3F2D0

 6BF2A9

 CBF2DD

 52F29C

 E4F2EA

 3AF28F

 FCF2F7

 22F282

 FFF2FF

 0AF275

 00F26F

# Harmonies

## Analogous

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



C7EBA4



9BF2C3



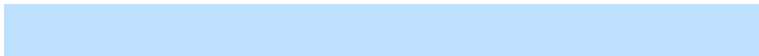
72F4E9

# Triad

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



9BF2C3



BEE0FF



FFC9B4

# Complementary

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



9BF2C3



F29BCA

# 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.



FFC4D7



9BF2C3



F2D3FF

# Square

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



9BF2C3



86EBFF



FFC8FC



FFD49C

# Rectangle

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



9BF2C3



63F3FF



FFC8FC



FFC6BF

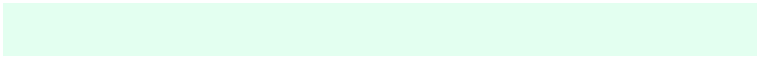


# Sweetspot

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



9BF2C3



E3FFF0



CBF29B



6F8077



000000



808080



# Same Dimension

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



9BF2C3



91FFC4



9BF2EE



6C7871



00B854



00381A



# Inverse Universe

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



F29BCA



FF91CD



F29B9F



786C72



B80063

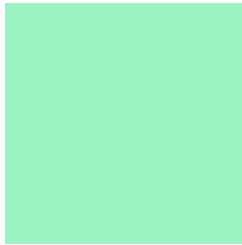


38001E



# Previews

## White Background



This preview shows how the Hex color 9BF2C3 looks on a white background.

## Color Contrast Check

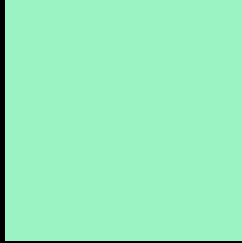
Large Text (above 18pt) WCAG AA × Fail

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 9BF2C3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

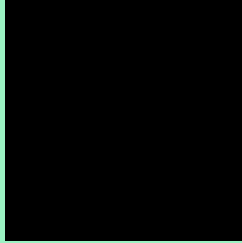
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9BF2C3 Background



This preview shows how black text looks on a background with the Hex color 9BF2C3.

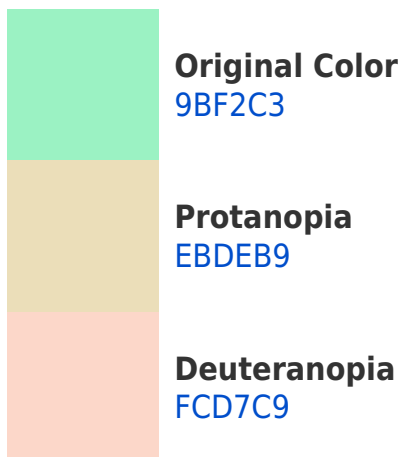


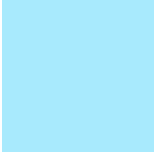
This preview shows how white text looks on a background with the Hex color 9BF2C3.

# 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



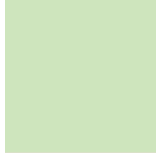


**Tritanopia**  
A8EAFD

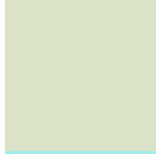
# Trichromacy



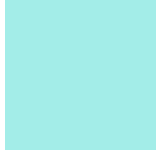
**Original Color**  
9BF2C3



**Protanomaly**  
CEE5BD

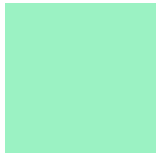


**Deuteranomaly**  
D9E1C7

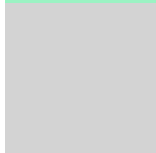


**Tritanomaly**  
A3EDE8

# Monochromacy



**Original Color**  
9BF2C3



**Achromatopsia**  
D3D3D3



**Achromatomaly**  
BFDECD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BF2C3 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 #9BF2C3 looks like.

```
.text, #text, p{  
    color:#9BF2C3  
}
```

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 #9BF2C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BF2C3  
}
```

## Border

The CSS property to change the border of an element to Hex 9BF2C3 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  
#9BF2C3 }
```

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

```
.border{ border-color:#9BF2C3 }
```

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

Here you see how a box with a 4 pixel #9BF2C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BF2C3; -webkit-box-shadow:4px 4px  
4px 4px #9BF2C3; box-shadow:4px 4px 4px  
4px #9BF2C3 }
```

# Background

The CSS property to change the background color of an element to Hex 9BF2C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BF2C3 }
```

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

```
.background{ background-color:#9BF2C3 }
```

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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