

# Converting Colors

Hex(9BF3CD)

Have a look what the booklet for  
Hex(9BF3CD) contains.

<b>Hex(9BF3CD)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(9BF3CD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BF3CD
RGB	155, 243, 205
RGB Percent	61%, 95%, 80%
CMY	0.3922, 0.0471, 0.1961
CMYK	0.36, 0.00, 0.16, 0.05
HSL	154°, 79%, 78%
HSV	154°, 36%, 95%
XYZ	56.5876, 75.4775, 69.3437
YIQ	212.3560, -40.2500, -30.4740

# Conversions

## Conversions Part 2

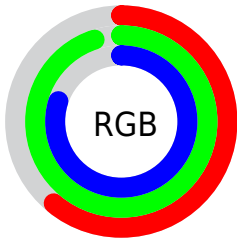
Format	Color
<a href="#">RYB</a>	<a href="#">155, 211, 243</a>
Decimal	<a href="#">10220493</a>
CIELab	<a href="#">89.62, -34.61, 10.02</a>
CIELCh	<a href="#">90, 36.037, 163.850</a>
Yxy	<a href="#">75.4775, 0.2810, 0.3747</a>
Android (android.graphics.Color)	<a href="#">4288410573 (0xFF9BF3CD)</a>
YUV	<a href="#">212.3560, -3.6265, -50.3012</a>
Hunter-Lab	<a href="#">86.8778, -35.7707, 13.4906</a>

# Details

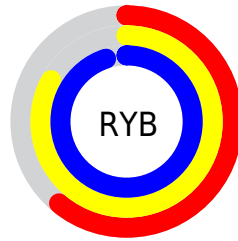
The Hex color **9BF3CD** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F39BC1**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **D4FFFF**, and **64BA97** is the 20% darker color. If you saturate the color by 10%, you get **83F3C3**, and if you desaturate by 10%, it is **B3F3D7**.

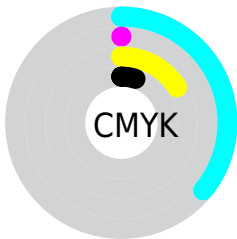
# Distribution



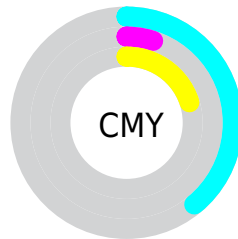
- Red (61%)
- Green (95%)
- Blue (80%)



- Red (61%)
- Yellow (83%)
- Blue (95%)



- Cyan (36%)
- Magenta (0%)
- Yellow (16%)
- Black (5%)



- Cyan (39%)
- Magenta (5%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BF3CD 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 9BF3CD by changing the saturation by 10% instead.



 9BF3CD

 9BF3CD

FFFFFF

 7FD6B2

 D4FFFF

 64BA97

 F1FFFF

 489F7D

 2B8564

 016B4C

 005235

 003A20

 002509

 000000

 9BF3CD

 9BF3CD

 83F3C3

 B3F3D7

 6AF3B8

 CCF3E2

 52F3AE

 E4F3EC

 3AF3A3

 FCF3F7

 21F399

 FFF3FF

 09F38E

 00F38A

# Harmonies

## Analogous

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



C3EDAF



9BF3CD



7BF4F1

# Triad

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



9BF3CD



CCDFFF



FFCEB3

# Complementary

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



9BF3CD



F39BC1

# 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.



FFC8D2



9BF3CD



FAD3FF

# Square

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



9BF3CD



9AEAFF



FFCAF5



FFD9A0

# Rectangle

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



9BF3CD



74F3FF



FFCAF5



FFCBBD

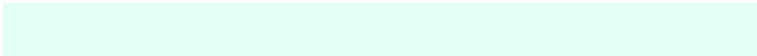


# Sweetspot

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



9BF3CD



E3FFF3



C1F39B



6F8078



000000

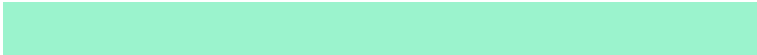


808080

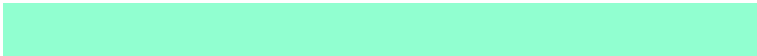


# Same Dimension

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



9BF3CD



91FFD0



9BEDF3



6E7A75



00BA6A



003B21



# Inverse Universe

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



F39BC1



FF91C1



F3A19B



7A6E73



BA0050

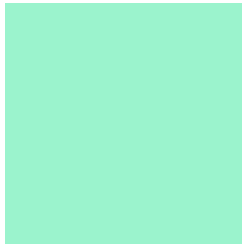


3B0019



# Previews

## White Background



This preview shows how the Hex color 9BF3CD looks on a white background.

## Color Contrast Check

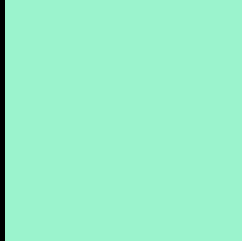
Large Text (above 18pt) WCAG AA × Fail

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 9BF3CD 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

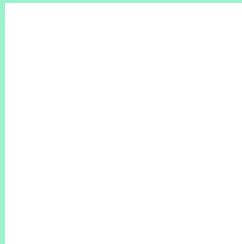
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9BF3CD Background



This preview shows how black text looks on a background with the Hex color 9BF3CD.

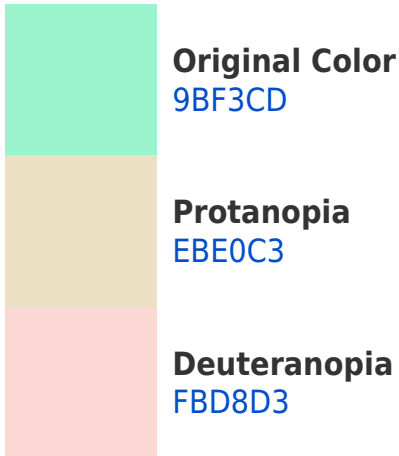


This preview shows how white text looks on a background with the Hex color 9BF3CD.

# 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



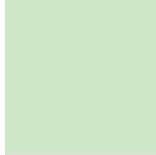


**Tritanopia**  
A6ECFF

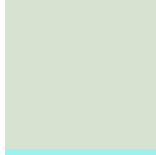
# Trichromacy



**Original Color**  
9BF3CD



**Protanomaly**  
CEE7C7



**Deuteranomaly**  
D8E2D1

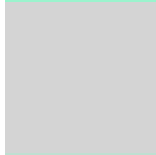


**Tritanomaly**  
A2EFED

# Monochromacy



**Original Color**  
9BF3CD



**Achromatopsia**  
D4D4D4



**Achromatomaly**  
BFDFD1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BF3CD 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 #9BF3CD looks like.

```
.text, #text, p{  
    color:#9BF3CD  
}
```

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 #9BF3CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BF3CD
}
```

## Border

The CSS property to change the border of an element to Hex 9BF3CD 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
#9BF3CD }
```

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

```
.border{ border-color:#9BF3CD }
```

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

Here you see how a box with a 4 pixel #9BF3CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BF3CD; -webkit-box-shadow:4px 4px  
4px 4px #9BF3CD; box-shadow:4px 4px 4px  
4px #9BF3CD }
```

# Background

The CSS property to change the background color of an element to Hex 9BF3CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BF3CD }
```

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

```
.background{ background-color:#9BF3CD }
```

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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