

# Converting Colors

Hex(9FFDB3)

Have a look what the booklet for  
Hex(9FFDB3) contains.

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**Color**

**Hex(9FFDB3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9FFDB3
RGB	159, 253, 179
RGB Percent	62%, 99%, 70%
CMY	0.3765, 0.0078, 0.2980
CMYK	0.37, 0.00, 0.29, 0.01
HSL	133°, 96%, 81%
HSV	133°, 37%, 99%
XYZ	57.5600, 80.8762, 55.2248
YIQ	216.4580, -32.2700, -42.9420

# Conversions

## Conversions Part 2

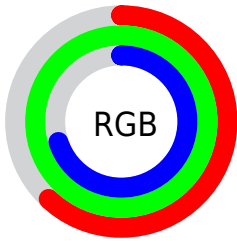
<b>Format</b>	<b>Color</b>
<b>RYB</b>	159, 237, 253
Decimal	10485171
CIELab	92.08, -42.82, 26.84
CIElCh	92, 50.540, 147.921
Yxy	80.8762, 0.2972, 0.4176
Android (android.graphics.Color)	4288675251 (0xFF9FFDB3)
YUV	216.4580, -18.4668, -50.3907
Hunter-Lab	89.9312, -43.1314, 26.5431

# Details

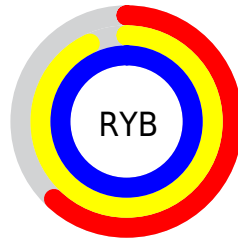
The Hex color **9FFDB3** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FD9FE9**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **D8FFE8**, and **67C47E** is the 20% darker color. If you saturate the color by 10%, you get **86FD9F**, and if you desaturate by 10%, it is **B8FDC7**.

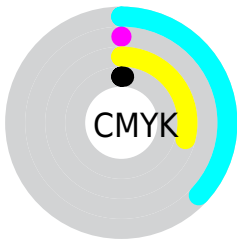
# Distribution



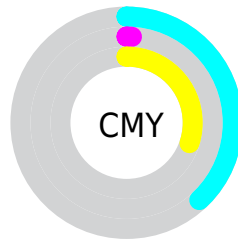
- Red (62%)
- Green (99%)
- Blue (70%)



- Red (62%)
- Yellow (93%)
- Blue (99%)



- Cyan (37%)
- Magenta (0%)
- Yellow (29%)
- Black (1%)



- Cyan (38%)
- Magenta (1%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9FFDB3 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 9FFDB3 by changing the saturation by 10% instead.



 9FFDB3

FFFFFF

 D8FFEB

 F6FFFF

 9FFDB3

 83E098

 67C47E

 4BA864

 2D8D4C

 027334

 005A1E

 004106

 002B00

 000E00

 9FFDB3

 9FFDB3

 86FD9F

 B8FDC7

 6CFD8B

 D2FDDB


 53FD77

 EBFDEF

 3AFD63

 FFFDFF

 20FD4F

 07FD3B

 00FD36

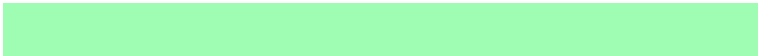
# Harmonies

## Analogous

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



D9F390



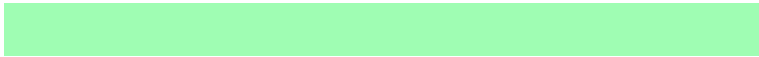
9FFDB3



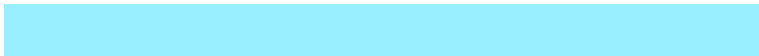
57FFE3

# Triad

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



9FFDB3



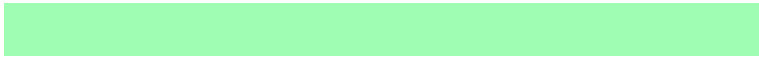
99EEFF



FFC5BD

# Complementary

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



9FFDB3



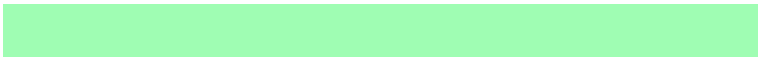
FD9FE9

# 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.



FFC2EE



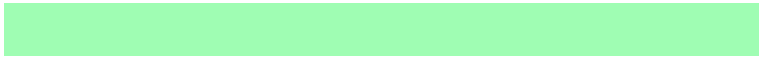
9FFDB3



E8DDFF

# Square

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



9FFDB3



2CFBFF



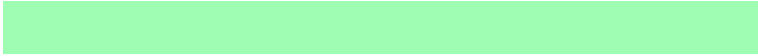
FFCCFF



FFD397

# Rectangle

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



9FFDB3



00FFFF



FFCCFF

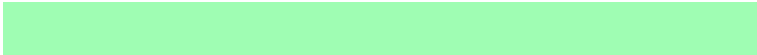


FFC3CD

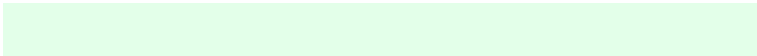


# Sweetspot

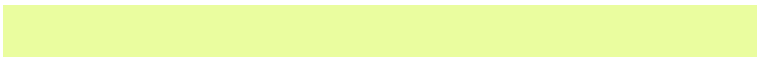
The Sweet Spot groups the original color and five complimentary colors.



9FFDB3



E3FFE9



EAFD9F



6F8072



000000

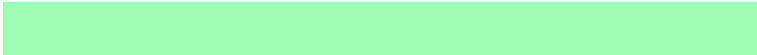


808080

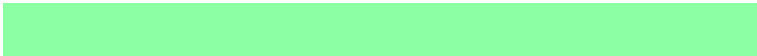


# Same Dimension

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



9FFDB3



8CFFA5



9FFDE1



738075



00BF29



00400E



# Inverse Universe

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



FD9FE9



FF8CE7



FD9FBB



80737D



BF0097

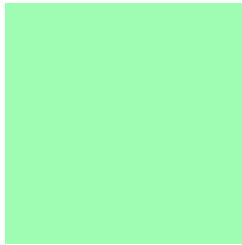


400032



# Previews

## White Background



This preview shows how the Hex color 9FFDB3 looks on a white background.

## Color Contrast Check

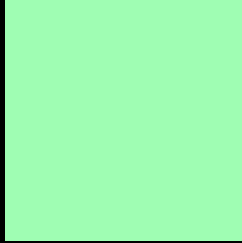
Large Text (above 18pt) WCAG AA × Fail

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 9FFDB3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

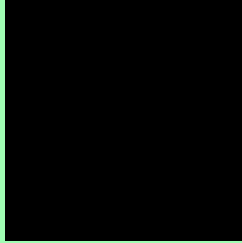
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9FFDB3 Background



This preview shows how black text looks on a background with the Hex color 9FFDB3.

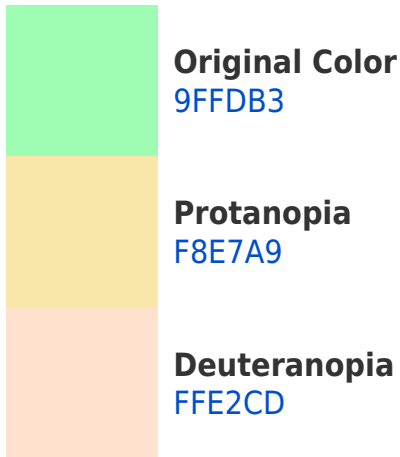


This preview shows how white text looks on a background with the Hex color 9FFDB3.

# 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

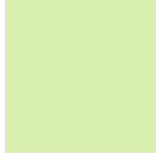




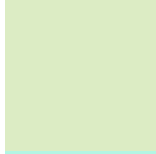
# Trichromacy



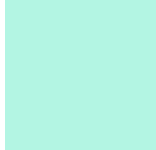
**Original Color**  
9FFDB3



**Protanomaly**  
D8EFAD

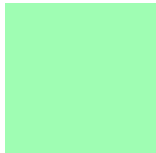


**Deuteranomaly**  
DCECC4

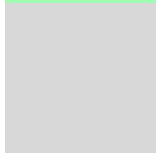


**Tritanomaly**  
B3F5E3

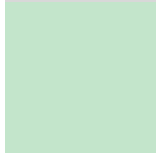
# Monochromacy



**Original Color**  
9FFDB3



**Achromatopsia**  
D8D8D8



**Achromatomaly**  
C3E5CB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9FFDB3 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 #9FFDB3 looks like.

```
.text, #text, p{  
    color:#9FFDB3  
}
```

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 #9FFDB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FFDB3
}
```

## Border

The CSS property to change the border of an element to Hex 9FFDB3 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
#9FFDB3 }
```

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

```
.border{ border-color:#9FFDB3 }
```

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

Here you see how a box with a 4 pixel #9FFDB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FFDB3; -webkit-box-shadow:4px 4px  
4px 4px #9FFDB3; box-shadow:4px 4px 4px  
4px #9FFDB3 }
```

# Background

The CSS property to change the background color of an element to Hex 9FFDB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FFDB3 }
```

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

```
.background{ background-color:#9FFDB3 }
```

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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