

# Converting Colors

Hex(9FFDD9)

Have a look what the booklet for  
Hex(9FFDD9) contains.

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# **Color**

**Hex(9FFDD9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9FFDD9
RGB	159, 253, 217
RGB Percent	62%, 99%, 85%
CMY	0.3765, 0.0078, 0.1490
CMYK	0.37, 0.00, 0.14, 0.01
HSL	157°, 96%, 81%
HSV	157°, 37%, 99%
XYZ	61.9477, 82.6312, 78.3301
YIQ	220.7900, -44.4680, -31.1240

# Conversions

## Conversions Part 2

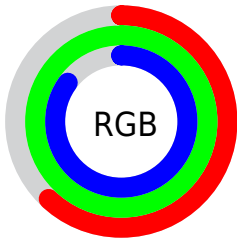
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	159, 217, 253
Decimal	10485209
CIE Lab	92.85, -35.68, 8.47
CIE LCh	93, 36.675, 166.645
Yxy	82.6312, 0.2779, 0.3707
Android (android.graphics.Color)	4288675289 (0xFF9FFDD9)
YUV	220.7900, -1.8685, -54.1898
Hunter-Lab	90.9017, -37.4338, 12.5410

# Details

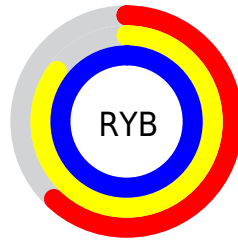
The Hex color **9FFDD9** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FD9FC3**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **D8FFFF**, and **67C4A2** is the 20% darker color. If you saturate the color by 10%, you get **86FDCF**, and if you desaturate by 10%, it is **B8FDE3**.

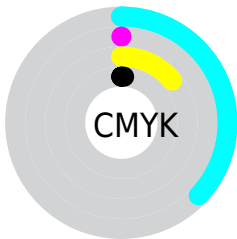
# Distribution



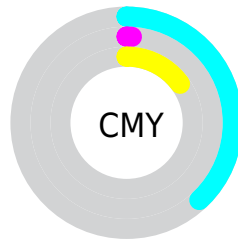
- Red (62%)
- Green (99%)
- Blue (85%)



- Red (62%)
- Yellow (85%)
- Blue (99%)



- Cyan (37%)
- Magenta (0%)
- Yellow (14%)
- Black (1%)



- Cyan (38%)
- Magenta (1%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9FFDD9 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 9FFDD9 by changing the saturation by 10% instead.



 9FFDD9

FFFFFF

 D8FFFF

 F6FFFF

 9FFDD9

 83E0BD

 67C4A2

 4BA888

 2D8E6F

 007456

 005A3F

 004229

 002B15

 001200

 9FFDD9

 9FFDD9

 86FDCF

 B8FDE3

 6CFDC6

 D2FDEC

 53FDBC

 EBFDF6

 3AFDB2

 FFFDFF

 20FDA9

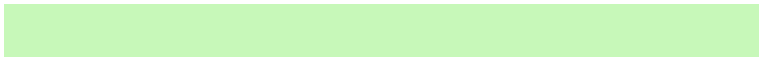
 07FD9F

 00FD9C

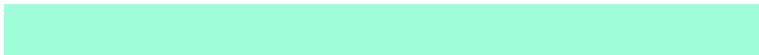
# Harmonies

## Analogous

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



C7F8B9



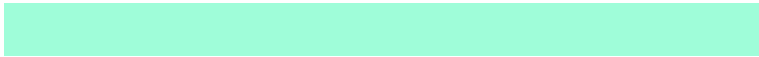
9FFDD9



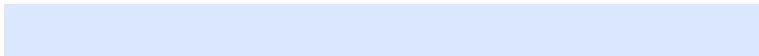
80FEFD

# Triad

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



9FFDD9



DAE7FF



FFD8B9

# Complementary

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



9FFDD9



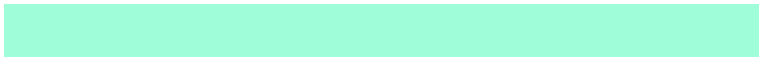
FD9FC3

# 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.



FFD1D8



9FFDD9



FFDBFF

# Square

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



9FFDD9



A6F3FF



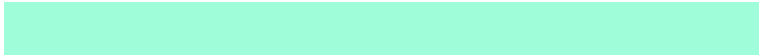
FFD2FC



FFE3A6

# Rectangle

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



9FFDD9



7CFCFF



FFD2FC

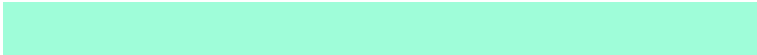


FFD5C2

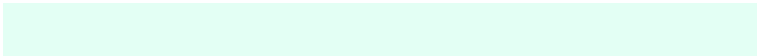


# Sweetspot

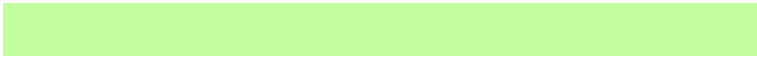
The Sweet Spot groups the original color and five complimentary colors.



9FFDD9



E3FFF4



C3FD9F



6F8079



000000



808080



# Same Dimension

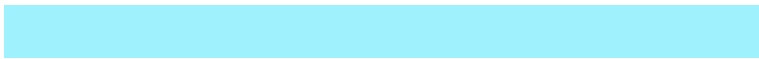
The Same Dimension uses a secret algorithm to generate beautiful new colors.



9FFDD9



8CFFD3



9FF2FD



73807B



00BF76



004027



# Inverse Universe

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



FD9FC3



FF8CB8



FDAA9F



807378



BF0049

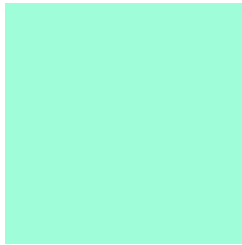


400018



# Previews

## White Background



This preview shows how the Hex color 9FFDD9 looks on a white background.

## Color Contrast Check

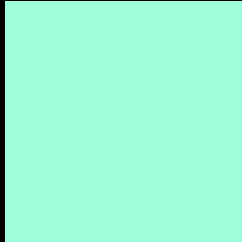
Large Text (above 18pt) WCAG AA × Fail

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 9FFDD9 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 9FFDD9 Background



This preview shows how black text looks on a background with the Hex color 9FFDD9.

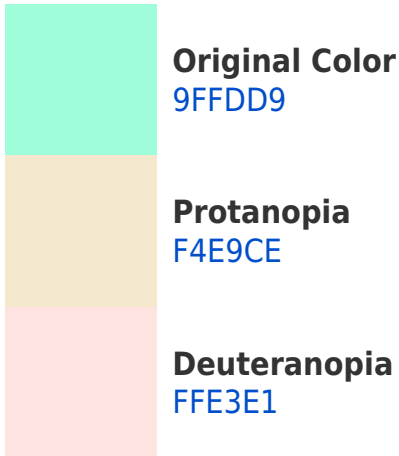


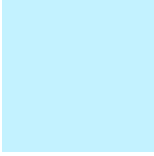
This preview shows how white text looks on a background with the Hex color 9FFDD9.

# 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



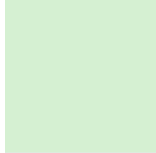


**Tritanopia**  
C3F2FF

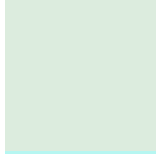
# Trichromacy



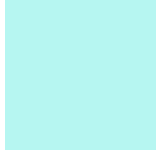
**Original Color**  
9FFDD9



**Protanomaly**  
D5F0D2

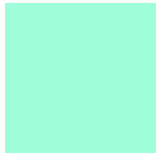


**Deuteranomaly**  
DCECDE

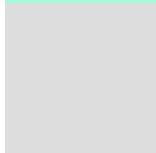


**Tritanomaly**  
B6F6F1

# Monochromacy



**Original Color**  
9FFDD9



**Achromatopsia**  
DDDDDD



**Achromatomaly**  
C6E9DC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9FFDD9 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 #9FFDD9 looks like.

```
.text, #text, p{  
    color:#9FFDD9  
}
```

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 #9FFDD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FFDD9
}
```

## Border

The CSS property to change the border of an element to Hex 9FFDD9 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
#9FFDD9 }
```

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

```
.border{ border-color:#9FFDD9 }
```

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

Here you see how a box with a 4 pixel #9FFDD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FFDD9; -webkit-box-shadow:4px 4px  
4px 4px #9FFDD9; box-shadow:4px 4px 4px  
4px #9FFDD9 }
```

# Background

The CSS property to change the background color of an element to Hex 9FFDD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FFDD9 }
```

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

```
.background{ background-color:#9FFDD9 }
```

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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