

# Converting Colors

Hex(93FFC9)

Have a look what the booklet for  
Hex(93FFC9) contains.

<b>Hex(93FFC9)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(93FFC9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	93FFC9
RGB	147, 255, 201
RGB Percent	58%, 100%, 79%
CMY	0.4235, 0.0000, 0.2118
CMYK	0.42, 0.00, 0.21, 0.00
HSL	150°, 100%, 79%
HSV	150°, 42%, 100%
XYZ	58.3352, 81.9401, 67.9998
YIQ	216.5520, -47.0340, -39.6900

# Conversions

## Conversions Part 2

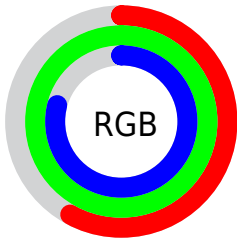
<b>Format</b>	<b>Color</b>
<b>RYB</b>	147, 219, 255
Decimal	9699273
CIELab	92.55, -42.97, 16.20
CIELCh	93, 45.919, 159.344
Yxy	81.9401, 0.2801, 0.3934
Android (android.graphics.Color)	4287889353 (0xFF93FFC9)
YUV	216.5520, -7.6671, -60.9971
Hunter-Lab	90.5208, -43.3787, 18.8255

# Details

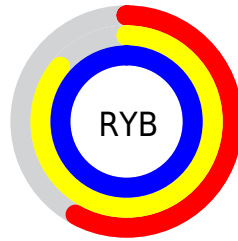
The Hex color **93FFC9** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FF93C9**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **CDFFFF**, and **5AC693** is the 20% darker color. If you saturate the color by 10%, you get **7AFFBC**, and if you desaturate by 10%, it is **ACFFD6**.

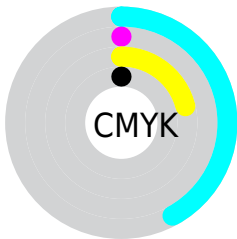
# Distribution



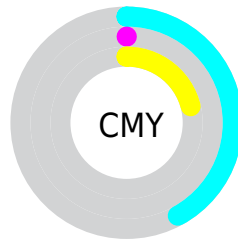
- Red (58%)
- Green (100%)
- Blue (79%)



- Red (58%)
- Yellow (86%)
- Blue (100%)



- Cyan (42%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)



- Cyan (42%)
- Magenta (0%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93FFC9 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 93FFC9 by changing the saturation by 10% instead.



 93FFC9

 93FFC9

FFFFFF

 76E2AE

 CDFFFF

 5AC693

 EAFFFF

 3BAA79

 158F60

 007548

 005B31

 00431C

 002C04

 001000

 93FFC9

 93FFC9

 7AFFBC

 ACFFD6

 60FFB0

 C6FFE3

 46FFA3

 E0FFE3

 2DFF96

 F9FFFC

 13FF89

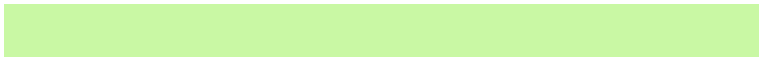
FFFFFF

 00FF80

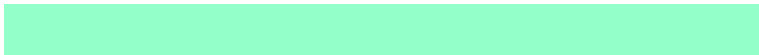
# Harmonies

## Analogous

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



C9F8A4



93FFC9



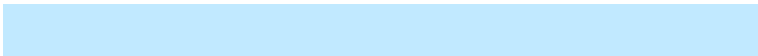
59FFF6

# Triad

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



93FFC9



C1E9FF



FFCEB4

# Complementary

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



93FFC9



FF93C9

# 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.



FFC7DD



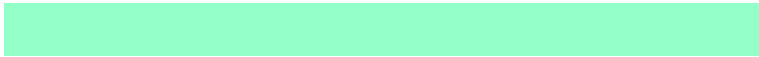
93FFC9



FFD9FF

# Square

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



93FFC9



77F7FF



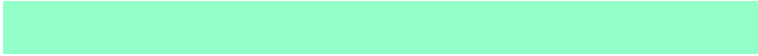
FFCCFF



FFDC98

# Rectangle

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



93FFC9



3CFFFF



FFCCFF

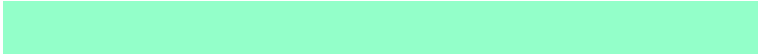


FFCBC1

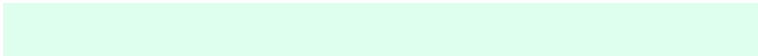


# Sweetspot

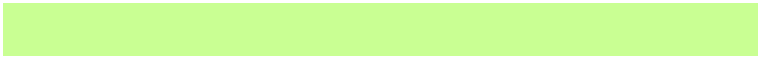
The Sweet Spot groups the original color and five complimentary colors.



93FFC9



DEFFEE



C9FF93



6B8075



000000

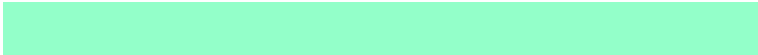


808080



# Same Dimension

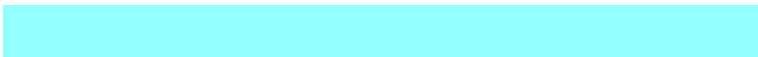
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93FFC9



7DFFBE



93FFFF



738079



00BF60



004020



# Inverse Universe

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



FF93C9



FF7DBE



FF9393



807379



BF0060

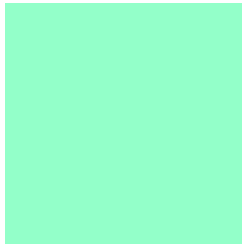


400020



# Previews

## White Background



This preview shows how the Hex color 93FFC9 looks on a white background.

## Color Contrast Check

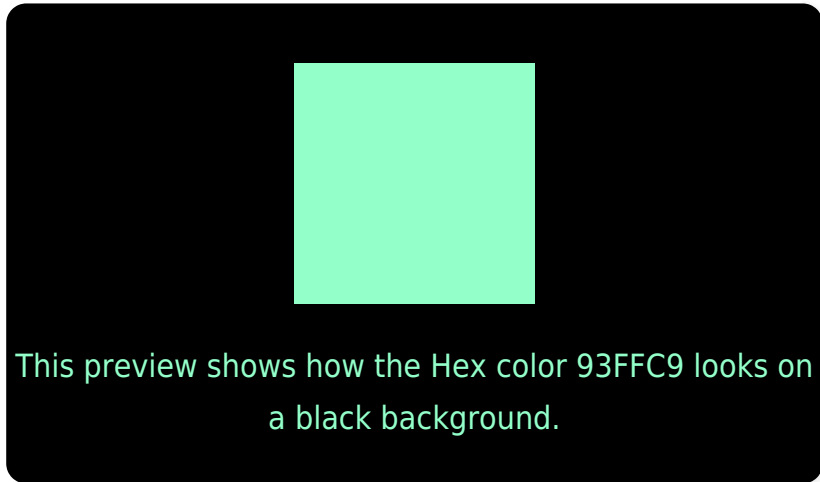
Large Text (above 18pt) WCAG AA × Fail

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

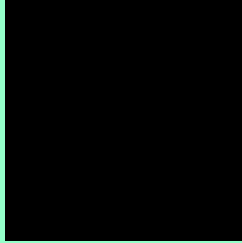
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

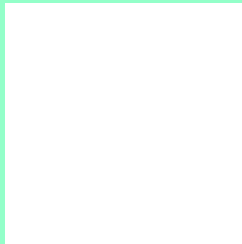
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 93FFC9 Background



This preview shows how black text looks on a background with the Hex color 93FFC9.



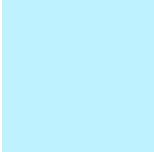
This preview shows how white text looks on a background with the Hex color 93FFC9.

# 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



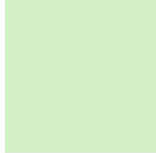


**Tritanopia**  
BEF2FF

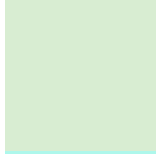
# Trichromacy



**Original Color**  
93FFC9



**Protanomaly**  
D2F0C2

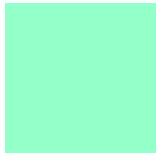


**Deuteranomaly**  
D8EDD2

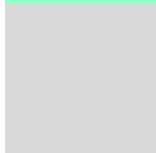


**Tritanomaly**  
AEF7EB

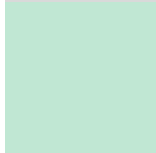
# Monochromacy



**Original Color**  
93FFC9



**Achromatopsia**  
D9D9D9



**Achromatomaly**  
C0E7D3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93FFC9 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 #93FFC9 looks like.

```
.text, #text, p{  
    color:#93FFC9  
}
```

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 #93FFC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93FFC9
}
```

## Border

The CSS property to change the border of an element to Hex 93FFC9 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
#93FFC9 }
```

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

```
.border{ border-color:#93FFC9 }
```

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

Here you see how a box with a 4 pixel #93FFC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93FFC9; -webkit-box-shadow:4px 4px  
4px 4px #93FFC9; box-shadow:4px 4px 4px  
4px #93FFC9 }
```

# Background

The CSS property to change the background color of an element to Hex 93FFC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93FFC9 }
```

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

```
.background{ background-color:#93FFC9 }
```

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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