

# Converting Colors

Hex(99FFD9)

Have a look what the booklet for  
Hex(99FFD9) contains.

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# Color

**Hex(99FFD9)**

# Conversions

Conversions Part 1	
Format	Color
Hex	99FFD9
RGB	153, 255, 217
RGB Percent	60%, 100%, 85%
CMY	0.4000, 0.0000, 0.1490
CMYK	0.40, 0.00, 0.15, 0.00
HSL	158°, 100%, 80%
HSV	158°, 40%, 100%
XYZ	61.4213, 83.3021, 78.4873
YIQ	220.1700, -48.5940, -33.4420

# Conversions

## Conversions Part 2

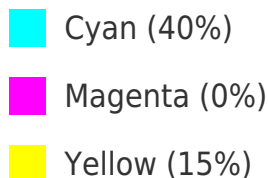
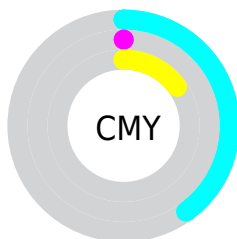
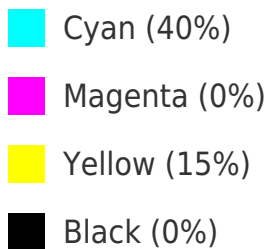
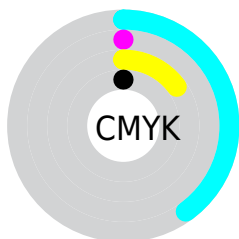
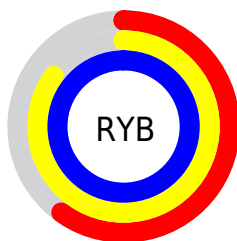
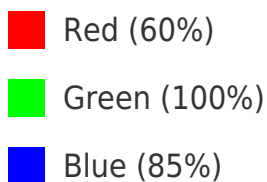
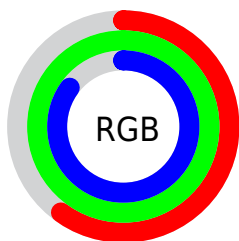
Format	Color
<a href="#">RYB</a>	<a href="#">153, 216, 255</a>
Decimal	<a href="#">10092505</a>
CIELab	<a href="#">93.15, -38.18, 8.86</a>
CIELCh	<a href="#">93, 39.195, 166.939</a>
Yxy	<a href="#">83.3021, 0.2752, 0.3732</a>
Android (android.graphics.Color)	<a href="#">4288282585</a> (0xFF99FFD9)
YUV	<a href="#">220.1700, -1.5628, -58.9081</a>
Hunter-Lab	<a href="#">91.2700, -39.5986, 12.9027</a>

# Details

The Hex color **99FFD9** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FF99BF**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **D3FFFF**, and **60C6A2** is the 20% darker color. If you saturate the color by 10%, you get **80FFD0**, and if you desaturate by 10%, it is **B3FFE3**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Hex color 99FFD9 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 99FFD9 by changing the saturation by 10% instead.

 99FFD9

FFFFFF

 D3FFFF

 F0FFFF

 99FFD9

 7DE2BD

 60C6A2

 43AA88

 228F6F

 007556

 005C3F

 004329

 002D14

 001300

 99FFD9

 99FFD9

 80FFD0

 B3FFE3

 66FFC6

 CCFFEC

 4DFFBD

 E6FFF6

 33FFB3

FFFFFF

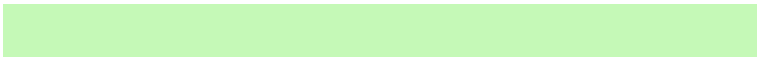
 19FFAA

 00FFA0

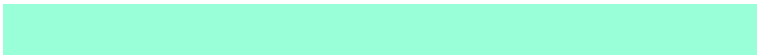
# Harmonies

## Analogous

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



C5F9B7



99FFD9



76FFFF

# Triad

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



99FFD9



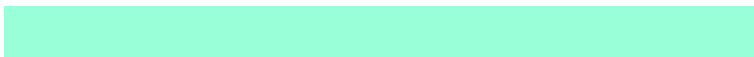
D9E8FF



FFD7B6

# Complementary

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



99FFD9



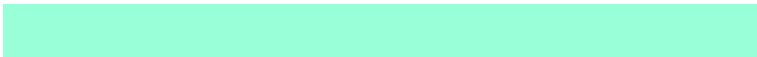
FF99BF

# 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.



FFD0D7



99FFD9



FFDAFF

# Square

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



99FFD9



A1F4FF



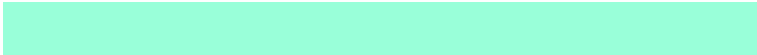
FFD1FD



FFE3A2

# Rectangle

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



99FFD9



70FEFF



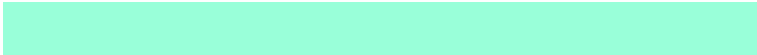
FFD1FD



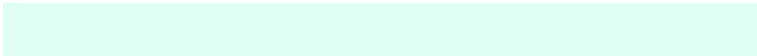
FFD4C0

# Sweetspot

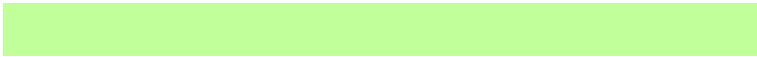
The Sweet Spot groups the original color and five complimentary colors.



99FFD9



E0FFF4



C0FF99



6E8079



000000

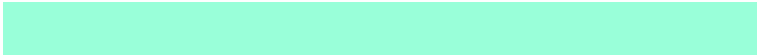


808080

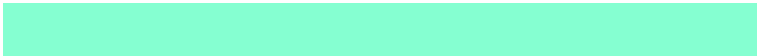


# Same Dimension

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



99FFD9



85FFD1



99F3FF



73807B



00BF78



004028



# Inverse Universe

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



FF99BF



FF85B2



FFA599



807378



BF0047

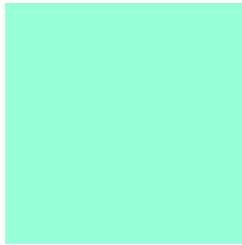


400018



# Previews

## White Background



This preview shows how the Hex color 99FFD9 looks on a white background.

## Color Contrast Check

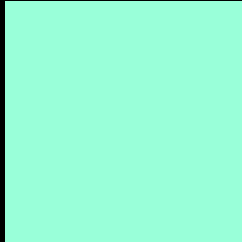
Large Text (above 18pt) WCAG AA × Fail

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 99FFD9 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

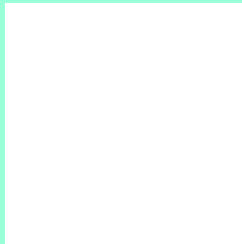
Any Text WCAG AAA ✓ Pass

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

## Hex 99FFD9 Background



This preview shows how black text looks on a background with the Hex color 99FFD9.

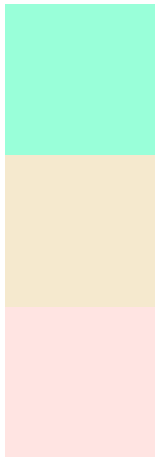


This preview shows how white text looks on a background with the Hex color 99FFD9.

# 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](#).

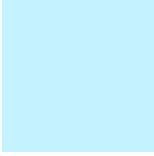
## Dichromacy



**Original Color**  
99FFD9

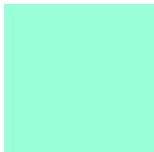
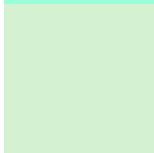
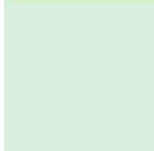
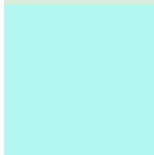
**Protanopia**  
F5E9CE

**Deuteranopia**  
FFE4E2

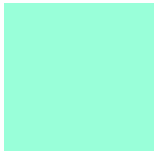
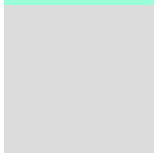



**Tritanopia**  
C4F2FF

# Trichromacy

	<b>Original Color</b> 99FFD9
	<b>Protanomaly</b> D4F1D2
	<b>Deuteranomaly</b> DAEEDF
	<b>Tritanomaly</b> B4F7F1

# Monochromacy

	<b>Original Color</b> 99FFD9
	<b>Achromatopsia</b> DCDCDC
	<b>Achromatomaly</b> C4E9DB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99FFD9 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 #99FFD9 looks like.

```
.text, #text, p{  
    color:#99FFD9  
}
```

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 #99FFD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99FFD9
}
```

## Border

The CSS property to change the border of an element to Hex 99FFD9 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
#99FFD9 }
```

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

```
.border{ border-color:#99FFD9 }
```

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

Here you see how a box with a 4 pixel #99FFD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99FFD9; -webkit-box-shadow:4px 4px  
4px 4px #99FFD9; box-shadow:4px 4px 4px  
4px #99FFD9 }
```

# Background

The CSS property to change the background color of an element to Hex 99FFD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99FFD9 }
```

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

```
.background{ background-color:#99FFD9 }
```

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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