

# Converting Colors

Hex(99F9DD)

Have a look what the booklet for  
Hex(99F9DD) contains.

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# **Color**

**Hex(99F9DD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	99F9DD
RGB	153, 249, 221
RGB Percent	60%, 98%, 87%
CMY	0.4000, 0.0235, 0.1333
CMYK	0.39, 0.00, 0.11, 0.02
HSL	162°, 89%, 79%
HSV	162°, 39%, 98%
XYZ	60.0637, 79.7441, 80.6331
YIQ	217.1040, -48.2280, -29.0600

# Conversions

## Conversions Part 2

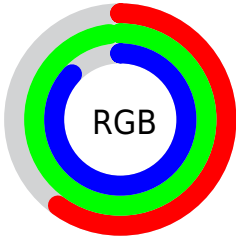
Format	Color
R <sub>Y</sub> B	153, 209, 249
Decimal	10090973
CIE Lab	91.57, -34.59, 4.52
CIE LCh	92, 34.888, 172.556
Yxy	79.7441, 0.2725, 0.3617
Android (android.graphics.Color)	4288281053 (0xFF99F9DD)
YUV	217.1040, 1.9207, -56.2192
Hunter-Lab	89.2996, -36.2135, 8.9738

# Details

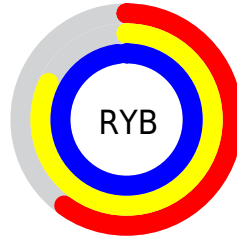
The Hex color **99F9DD** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F999B5**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **D3FFFF**, and **61C0A6** is the 20% darker color. If you saturate the color by 10%, you get **80F9D6**, and if you desaturate by 10%, it is **B2F9E4**.

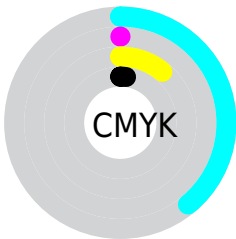
# Distribution



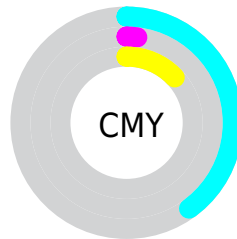
- Red (60%)
- Green (98%)
- Blue (87%)



- Red (60%)
- Yellow (82%)
- Blue (98%)



- Cyan (39%)
- Magenta (0%)
- Yellow (11%)
- Black (2%)



- Cyan (40%)
- Magenta (2%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99F9DD 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 99F9DD by changing the saturation by 10% instead.



 99F9DD

 99F9DD

FFFFFF

 7DDCC1

 D3FFFF

 61C0A6

 F0FFFF

 44A58C

 248A72

 00705A

 005742

 003F2C

 002918

 000B00

 99F9DD

 99F9DD

 80F9D6

 B2F9E4

 67F9CE

 CBF9EC

 4EF9C7

 E4F9F3

 35F9C0

 FDF9FA

 1DF9B9

 FFF9FF

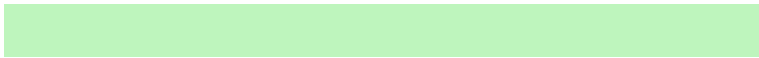
 04F9B1

 00F9B0

# Harmonies

## Analogous

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



BEF5BD



99F9DD



81F9FF

# Triad

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



99F9DD



E1E1FF



FFD7B3

# Complementary

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



99F9DD



F999B5

# 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.



FFCFCF



99F9DD



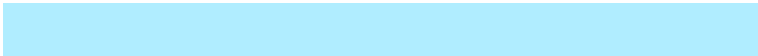
FFD6FF

# Square

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



99F9DD



B0EDFF



FFCFF1



FFE2A5

# Rectangle

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



99F9DD



82F7FF



FFCFF1



FFD4BB



# Sweetspot

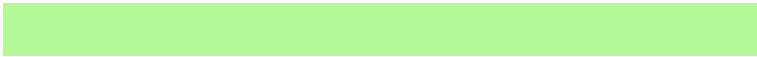
The Sweet Spot groups the original color and five complimentary colors.



99F9DD



E0FFF6



B6F999



6E807A



000000



808080



# Same Dimension

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



99F9DD



8AFFDD



99E6F9



707D79



00BD86



003D2B



# Inverse Universe

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



F999B5



FF8AAC



F9AC99



7D7074



BD0037

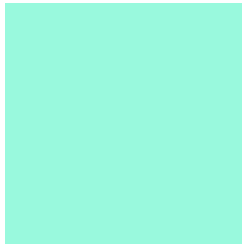


3D0012



# Previews

## White Background



This preview shows how the Hex color 99F9DD looks on a white background.

## Color Contrast Check

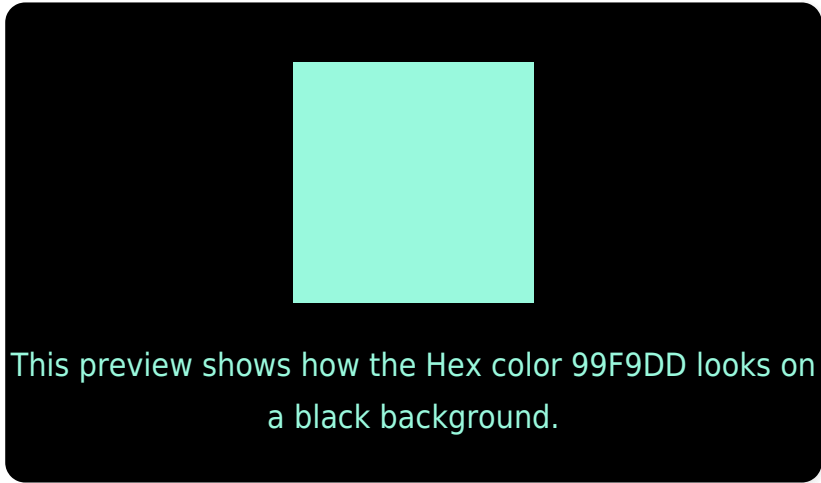
Large Text (above 18pt) WCAG AA × Fail

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 99F9DD Background



This preview shows how black text looks on a background with the Hex color 99F9DD.

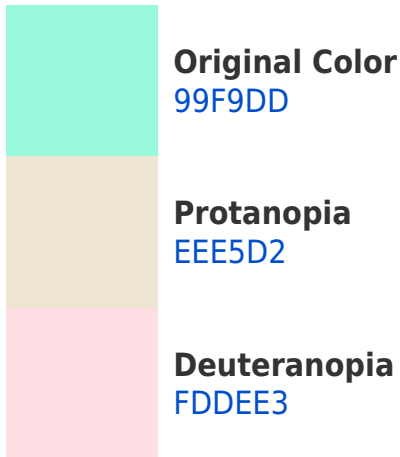


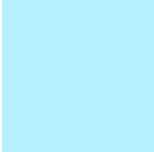
This preview shows how white text looks on a background with the Hex color 99F9DD.

# 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



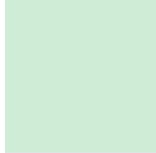


**Tritanopia**  
B6F0FF

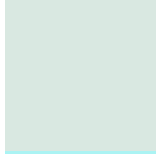
# Trichromacy



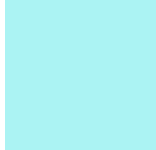
**Original Color**  
99F9DD



**Protanomaly**  
CFECD6

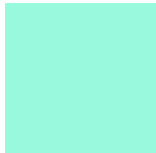


**Deuteranomaly**  
D9E8E1

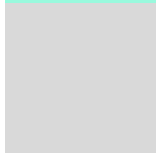


**Tritanomaly**  
ABF3F3

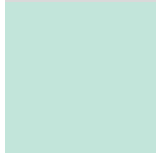
# Monochromacy



**Original Color**  
99F9DD



**Achromatopsia**  
D9D9D9



**Achromatomaly**  
C2E5DA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99F9DD 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 #99F9DD looks like.

```
.text, #text, p{  
    color:#99F9DD  
}
```

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 #99F9DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99F9DD
}
```

## Border

The CSS property to change the border of an element to Hex 99F9DD 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
#99F9DD }
```

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

```
.border{ border-color:#99F9DD }
```

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

Here you see how a box with a 4 pixel #99F9DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99F9DD; -webkit-box-shadow:4px 4px  
4px 4px #99F9DD; box-shadow:4px 4px 4px  
4px #99F9DD }
```

# Background

The CSS property to change the background color of an element to Hex 99F9DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99F9DD }
```

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

```
.background{ background-color:#99F9DD }
```

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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