

# Converting Colors

Hex(99FFF3)

Have a look what the booklet for  
Hex(99FFF3) contains.

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# Color

**Hex(99FFF3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99FFF3
RGB	153, 255, 243
RGB Percent	60%, 100%, 95%
CMY	0.4000, 0.0000, 0.0471
CMYK	0.40, 0.00, 0.05, 0.00
HSL	173°, 100%, 80%
HSV	173°, 40%, 100%
XYZ	65.0745, 84.7634, 97.7252
YIQ	223.1340, -56.9400, -25.3560

# Conversions

## Conversions Part 2

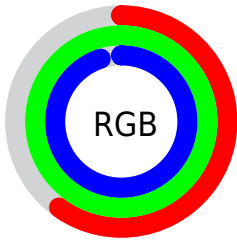
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 207, 255
Decimal	10092531
CIE <sub>Lab</sub>	93.78, -32.51, -3.64
CIE <sub>LCh</sub>	94, 32.713, 186.394
Yxy	84.7634, 0.2629, 0.3424
Android (android.graphics.Color)	4288282611 (0xFF99FFF3)
YUV	223.1340, 9.7939, -61.5075
Hunter-Lab	92.0670, -34.9505, 1.5131

# Details

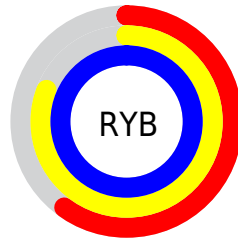
The Hex color **99FFF3** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FF99A5**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **D3FFFF**, and **5FC6BB** is the 20% darker color. If you saturate the color by 10%, you get **80FFF0**, and if you desaturate by 10%, it is **B3FFF6**.

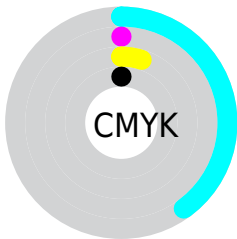
# Distribution



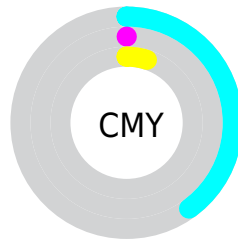
- Red (60%)
- Green (100%)
- Blue (95%)



- Red (60%)
- Yellow (81%)
- Blue (100%)



- Cyan (40%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)



- Cyan (40%)
- Magenta (0%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99FFF3 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 99FFF3 by changing the saturation by 10% instead.



 99FFF3

FFFFFF

 D3FFFF

 F1FFFF

 99FFF3

 7CE2D7

 5FC6BB

 41AAA0

 1C9086

 00756D

 005C54

 00443D

 002D28

 001613

 99FFF3

 99FFF3

 80FFF0

 B3FFF6

 66FFED

 CCFFF9

 4DFFEA

 E6FFFC

 33FFE7

FFFFFF

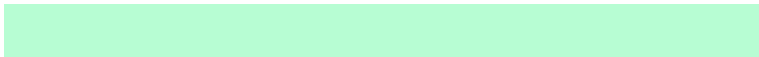
 19FFE4

 00FFE1

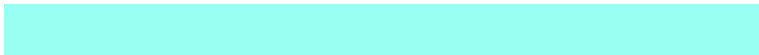
# Harmonies

## Analogous

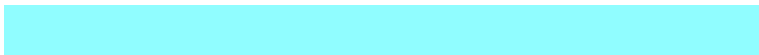
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B7FDD3



99FFF3



90FDFF

# Triad

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



99FFF3



FBE3FF



FFE3B4

# Complementary

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



99FFF3



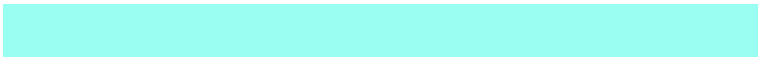
FF99A5

# 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.



FFDAC9



99FFF3



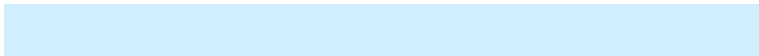
FFDAFF

# Square

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



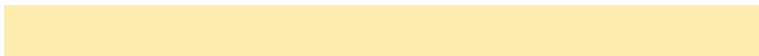
99FFF3



D0EEFF



FFD6E7



FDEDAE

# Rectangle

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



99FFF3



9CFAFF



FFD6E7



FFDFBA



# Sweetspot

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



99FFF3



E0FFFB



A7FF99



6E807D



000000



808080



# Same Dimension

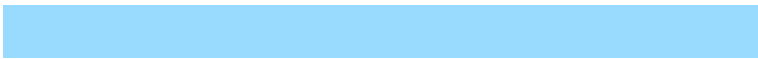
The Same Dimension uses a secret algorithm to generate beautiful new colors.



99FFF3



85FFF1



99DAFF



73807E



00BFA9



004038



# Inverse Universe

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



FF99A5



FF8593



FFBE99



807374



BF0017

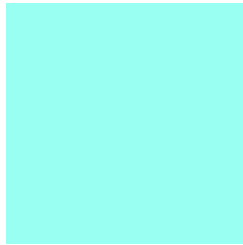


400008



# Previews

## White Background



This preview shows how the Hex color 99FFF3 looks on a white background.

## Color Contrast Check

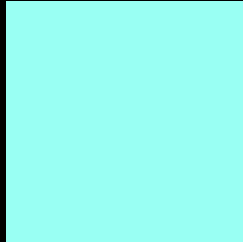
Large Text (above 18pt) WCAG AA × Fail

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 99FFF3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

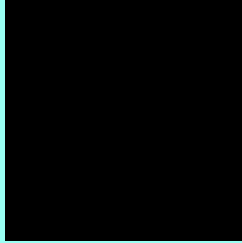
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

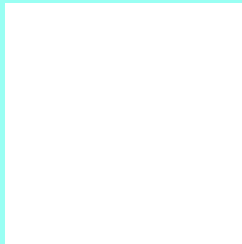
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 99FFF3 Background



This preview shows how black text looks on a background with the Hex color 99FFF3.



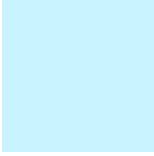
This preview shows how white text looks on a background with the Hex color 99FFF3.

# 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](#).

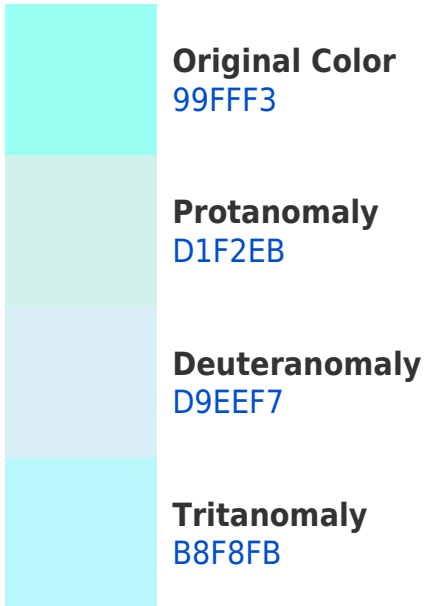
## Dichromacy



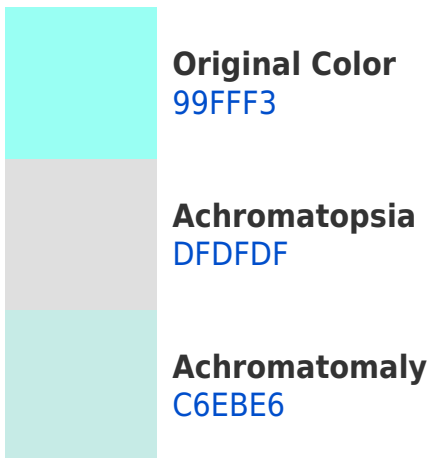


**Tritanopia**  
C9F4FF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99FFF3 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 #99FFF3 looks like.

```
.text, #text, p{  
    color:#99FFF3  
}
```

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 #99FFF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99FFF3  
}
```

## Border

The CSS property to change the border of an element to Hex 99FFF3 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  
#99FFF3 }
```

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

```
.border{ border-color:#99FFF3 }
```

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

Here you see how a box with a 4 pixel #99FFF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99FFF3; -webkit-box-shadow:4px 4px  
4px 4px #99FFF3; box-shadow:4px 4px 4px  
4px #99FFF3 }
```

# Background

The CSS property to change the background color of an element to Hex 99FFF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99FFF3 }
```

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

```
.background{ background-color:#99FFF3 }
```

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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