

# Converting Colors

Hex(39F9AF)

Have a look what the booklet for  
Hex(39F9AF) contains.

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# Color

Hex(39F9AF)

# Conversions

## Conversions Part 1

Format	Color
Hex	39F9AF
RGB	57, 249, 175
RGB Percent	22%, 98%, 69%
CMY	0.7765, 0.0235, 0.3137
CMYK	0.77, 0.00, 0.30, 0.02
HSL	157°, 94%, 60%
HSV	157°, 77%, 98%
XYZ	43.3009, 71.7164, 52.1179
YIQ	183.1560, -90.6780, -63.7180

# Conversions

## Conversions Part 2

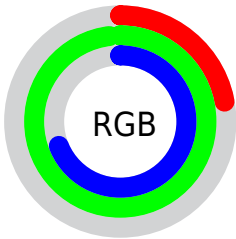
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 176, 249
Decimal	3799471
CIELab	87.83, -62.82, 22.57
CIELCh	88, 66.753, 160.237
Yxy	71.7164, 0.2591, 0.4291
Android (android.graphics.Color)	4281989551 (0xFF39F9AF)
YUV	183.1560, -4.0209, -110.6388
Hunter-Lab	84.6855, -56.9301, 22.7911

# Details

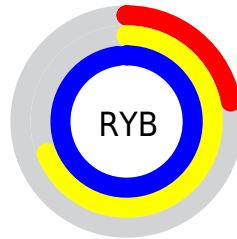
The Hex color **39F9AF** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light washed spring green. A complement of this color would be **F93983**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **84FFE7**, and **00BF7A** is the 20% darker color. If you saturate the color by 10%, you get **20F9A5**, and if you desaturate by 10%, it is **52F9B9**.

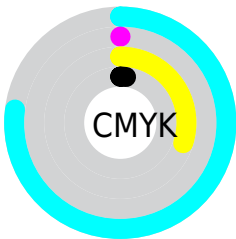
# Distribution



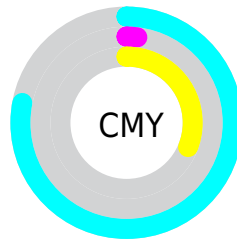
- Red (22%)
- Green (98%)
- Blue (69%)



- Red (22%)
- Yellow (69%)
- Blue (98%)



- Cyan (77%)
- Magenta (0%)
- Yellow (30%)
- Black (2%)



- Cyan (78%)
- Magenta (2%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 39F9AF 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 39F9AF by changing the saturation by 10% instead.



 39F9AF

 39F9AF

FFFFFF

 00DC94

 84FFE7

 00BF7A

 A5FFFF

 00A361

 C4FFFF

 008849

 E4FFFF

 006D32

 00531B

 003B04

 002200

 000000

 39F9AF

 39F9AF

 20F9A5

 52F9B9

 07F99C

 6BF9C2

 00F999

 84F9CC

 9DF9D5

 B5F9DF

 CEF9E9

 E7F9F2

 FFF9FC

 FFF9FF

# Harmonies

## Analogous

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



A7F077



39F9AF



00FCF1

# Triad

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



39F9AF



93DCFF



FFB28D

# Complementary

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



39F9AF



F93983

# 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.



FFA5C9



39F9AF



FDC3FF

# Square

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



39F9AF



00EFFF



FFACFF



FFCA62

# Rectangle

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



39F9AF



00BFFF



FFACFF



FFACA0

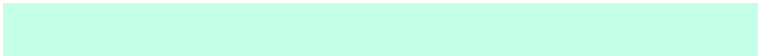


# Sweetspot

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



39F9AF



C4FFE8



86F939



5C8072



000000



808080



# Same Dimension

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



39F9AF



12FFA4



39E6F9



707D78



00BD74



003D26



# Inverse Universe

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



F93983



FF126D



F94C39



7D7075



BD0049

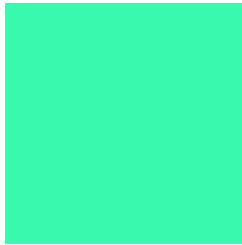


3D0018



# Previews

## White Background



This preview shows how the Hex color 39F9AF looks on a white background.

## Color Contrast Check

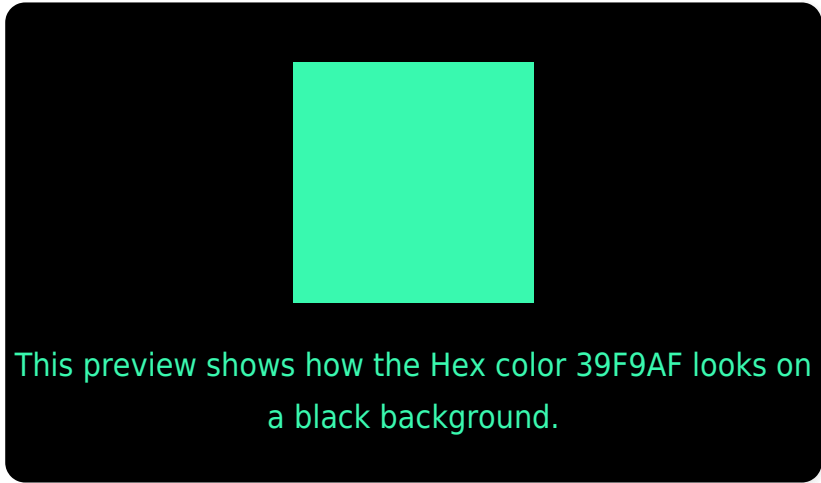
Large Text (above 18pt) WCAG AA × Fail

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 39F9AF Background



This preview shows how black text looks on a background with the Hex color 39F9AF.

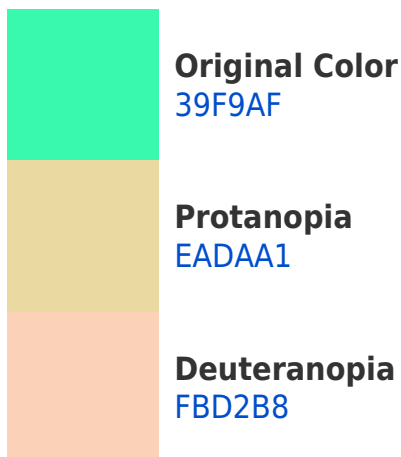


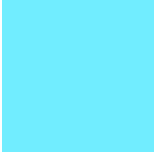
This preview shows how white text looks on a background with the Hex color 39F9AF.

# 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**  
71EDFF

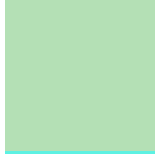
# Trichromacy



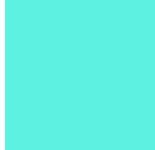
**Original Color**  
39F9AF



**Protanomaly**  
AAE5A6



**Deuteranomaly**  
B4E0B5



**Tritanomaly**  
5DF1E2

# Monochromacy



**Original Color**  
39F9AF



**Achromatopsia**  
B7B7B7



**Achromatomaly**  
89CFB4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 39F9AF 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 #39F9AF looks like.

```
.text, #text, p{  
    color:#39F9AF  
}
```

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 #39F9AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39F9AF
}
```

## Border

The CSS property to change the border of an element to Hex 39F9AF 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
#39F9AF }
```

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

```
.border{ border-color:#39F9AF }
```

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

Here you see how a box with a 4 pixel #39F9AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39F9AF; -webkit-box-shadow:4px 4px  
4px 4px #39F9AF; box-shadow:4px 4px 4px  
4px #39F9AF }
```

# Background

The CSS property to change the background color of an element to Hex 39F9AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39F9AF }
```

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

```
.background{ background-color:#39F9AF }
```

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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