

Converting Colors

Hex(39FFB0)

Have a look what the booklet for
Hex(39FFB0) contains.

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Color

Hex(39FFB0)

Conversions

Conversions Part 1

Format	Color
Hex	39FFB0
RGB	57, 255, 176
RGB Percent	22%, 100%, 69%
CMY	0.7765, 0.0000, 0.3098
CMYK	0.78, 0.00, 0.31, 0.00
HSL	156°, 100%, 61%
HSV	156°, 78%, 100%
XYZ	45.2838, 75.5244, 53.2653
YIQ	186.7920, -92.6490, -66.5450

Conversions

Conversions Part 2

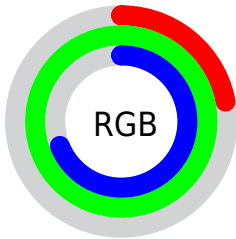
Format	Color
RYB	57, 181, 255
Decimal	3801008
CIELab	89.64, -64.82, 24.55
CIELCh	90, 69.313, 159.260
Yxy	75.5244, 0.2601, 0.4339
Android (android.graphics.Color)	4281991088 (0xFF39FFB0)
YUV	186.7920, -5.3205, -113.8276
Hunter-Lab	86.9048, -59.0717, 24.4936

Details

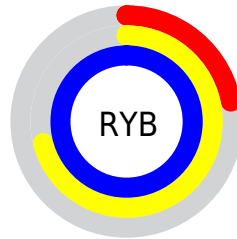
The Hex color **39FFB0** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **FF3988**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **85FFE8**, and **00C57B** is the 20% darker color. If you saturate the color by 10%, you get **1FFFA6**, and if you desaturate by 10%, it is **52FFBA**.

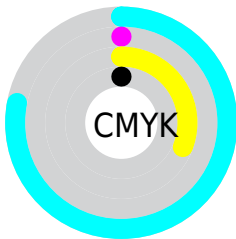
Distribution



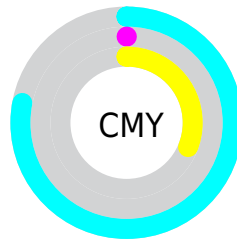
- Red (22%)
- Green (100%)
- Blue (69%)



- Red (22%)
- Yellow (71%)
- Blue (100%)



- Cyan (78%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)



- Cyan (78%)
- Magenta (0%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Hex color 39FFB0 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 39FFB0 by changing the saturation by 10% instead.

 39FFB0

 39FFB0

FFFFFF

 00E295

 85FFE8

 00C57B

 A6FFFF

 00A962

 C6FFFF

 008D4A

 E6FFFF

 007232

 00581C

 003F04

 002700

 000000

 39FFB0

 39FFB0

 1FFFA6

 52FFBA

 06FF9C

 6CFFC4

 00FF99

 85FFCF

 9FFFD9

 B8FFE3

 D2FFED

 EBFFF7

FFFFFF

Harmonies

Analogous

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



ACF576



39FFB0



00FFF5

Triad

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



39FFB0



8FE2FF



FFB591

Complementary

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



39FFB0



FF3988

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.



FFA7CF



39FFB0



FFC7FF

Square

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



39FFB0



00F5FF



FFAFFF



FFCD63

Rectangle

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



39FFB0



00FFFF



FFAFFF



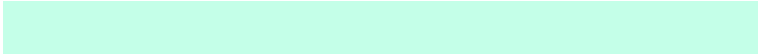
FFAEA4

Sweetspot

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



39FFB0



C4FFE8



88FF39



5C8071



000000



808080

Same Dimension

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



39FFB0



12FFA0



39EBFF



73807A



00BF73



004026

Inverse Universe

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



FF3988



FF1270



FF4D39



807378



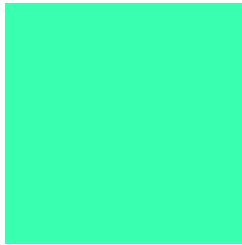
BF004C



400019

Previews

White Background



This preview shows how the Hex color 39FFB0 looks on a white background.

Color Contrast Check

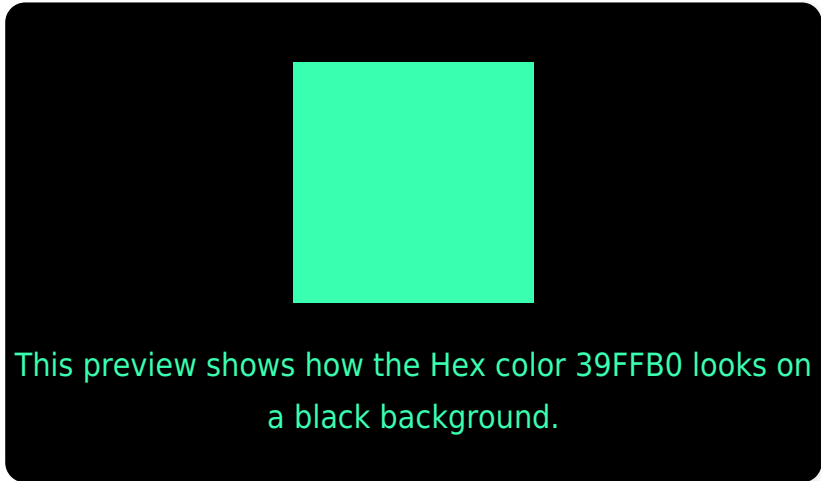
Large Text (above 18pt) WCAG AA × Fail

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

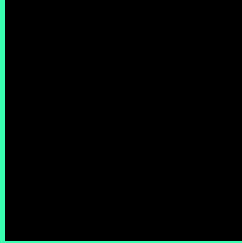
Any Text WCAG AA ✓ Pass

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 39FFB0 Background



This preview shows how black text looks on a background with the Hex color 39FFB0.

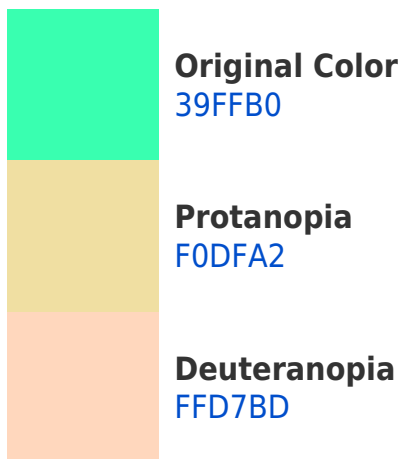


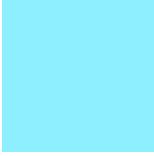
This preview shows how white text looks on a background with the Hex color 39FFB0.

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



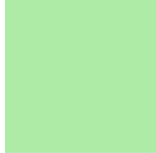


Tritanopia
8DEFF

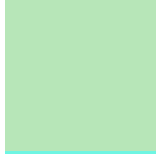
Trichromacy



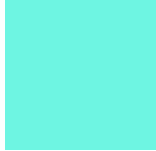
Original Color
39FFB0



Protanomaly
ADEBA7

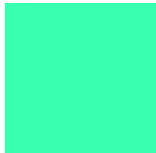


Deuteranomaly
B7E6B8

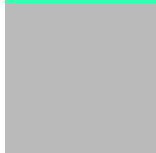


Tritanomaly
6EF5E2

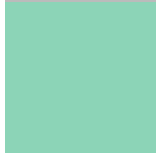
Monochromacy



Original Color
39FFB0



Achromatopsia
BBBBBB



Achromatomaly
8CD4B7

CSS Examples

Text

The CSS property to change the color of the text to Hex 39FFB0 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 #39FFB0 looks like.

```
.text, #text, p{  
    color:#39FFB0  
}
```

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 #39FFB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39FFB0
}
```

Border

The CSS property to change the border of an element to Hex 39FFB0 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
#39FFB0 }
```

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

```
.border{ border-color:#39FFB0 }
```

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

Here you see how a box with a 4 pixel #39FFB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39FFB0; -webkit-box-shadow:4px 4px  
4px 4px #39FFB0; box-shadow:4px 4px 4px  
4px #39FFB0 }
```

Background

The CSS property to change the background color of an element to Hex 39FFB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39FFB0 }
```

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

```
.background{ background-color:#39FFB0 }
```

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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