

Converting Colors

Hex(3FF39F)

Have a look what the booklet for
Hex(3FF39F) contains.

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Color

Hex(3FF39F)

Conversions

Conversions Part 1

Format	Color
Hex	3FF39F
RGB	63, 243, 159
RGB Percent	25%, 95%, 62%
CMY	0.7529, 0.0471, 0.3765
CMYK	0.74, 0.00, 0.35, 0.05
HSL	152°, 88%, 60%
HSV	152°, 74%, 95%
XYZ	40.3585, 67.6611, 43.7337
YIQ	179.6040, -80.3160, -64.2840

Conversions

Conversions Part 2

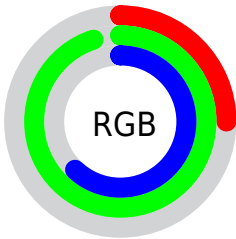
Format	Color
R _{YB}	63, 180, 243
Decimal	4191135
CIE _{Lab}	85.84, -63.14, 28.02
CIE _{LCh}	86, 69.077, 156.073
Y _{xy}	67.6611, 0.2659, 0.4459
Android (android.graphics.Color)	4282381215 (0xFF3FF39F)
YUV	179.6040, -10.1578, -102.2617
Hunter-Lab	82.2564, -56.3690, 26.0565

Details

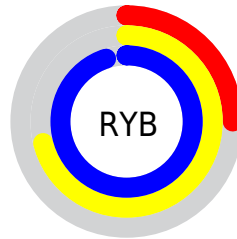
The Hex color **3FF39F** is a light color, and the websafe version is hex **66FF99**. The color can be described as light washed spring green. A complement of this color would be **F33F93**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **86FFD6**, and **00B96B** is the 20% darker color. If you saturate the color by 10%, you get **27F394**, and if you desaturate by 10%, it is **57F3AA**.

Distribution



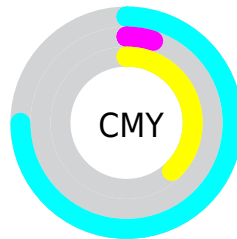
- Red (25%)
- Green (95%)
- Blue (62%)



- Red (25%)
- Yellow (71%)
- Blue (95%)



- Cyan (74%)
- Magenta (0%)
- Yellow (35%)
- Black (5%)



- Cyan (75%)
- Magenta (5%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3FF39F 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 3FF39F by changing the saturation by 10% instead.

 3FF39F

 3FF39F

FFFFFF

 00D685

 86FFD6

 00B96B

 A6FFF3

 009E52

 C5FFFF

 00823A

 E5FFFF

 006823

 004E0B

 003700

 001D00

 000000

 3FF39F

 3FF39F

 27F394

 57F3AA

 0EF388

 70F3B6

 00F382

 88F3C1

 A0F3CC

 B8F3D8

 D1F3E3

 E9F3EE

 FFF3FA

 FFF3FF

Harmonies

Analogous

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



AAE967



3FF39F



00F7E2

Triad

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



3FF39F



70D9FF



FFA88D

Complementary

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



3FF39F



F33F93

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.



FF9CCC



3FF39F



ECC0FF

Square

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



3FF39F



00ECFF



FFA7FF



FFC05D

Rectangle

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



3FF39F



00F6FF



FFA7FF



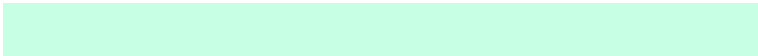
FFA2A1

Sweetspot

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



3FF39F



C7FFE5



93F33F



5E8070



000000



808080

Same Dimension

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



3FF39F



1CFF95



3FEDF3



6E7A75



00BA63



003B1F

Inverse Universe

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



F33F93



FF1C86



F3453F



7A6E74



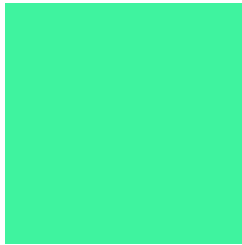
BA0057



3B001B

Previews

White Background



This preview shows how the Hex color 3FF39F 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 3FF39F looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

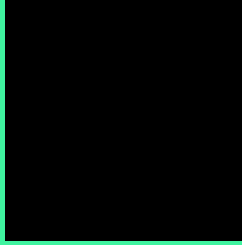
Any Text WCAG AA ✓ Pass

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 3FF39F Background



This preview shows how black text looks on a background with the Hex color 3FF39F.

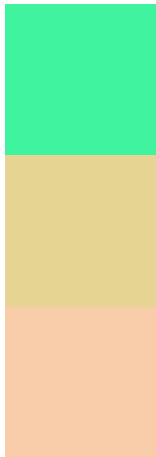


This preview shows how white text looks on a background with the Hex color 3FF39F.

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](#).

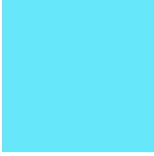
Dichromacy



Original Color
3FF39F

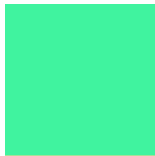
Protanopia
E6D592

Deuteranopia
F8CCA8



Tritanopia
67E8FA

Trichromacy



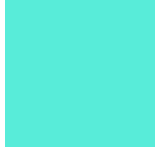
Original Color
3FF39F



Protanomaly
A9E097



Deuteranomaly
B5DAA5



Tritanomaly
58ECD9

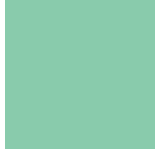
Monochromacy



Original Color
3FF39F



Achromatopsia
B4B4B4



Achromatomaly
89CBAC

CSS Examples

Text

The CSS property to change the color of the text to Hex 3FF39F 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 #3FF39F looks like.

```
.text, #text, p{  
    color:#3FF39F  
}
```

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 #3FF39F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FF39F
}
```

Border

The CSS property to change the border of an element to Hex 3FF39F 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
#3FF39F }
```

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

```
.border{ border-color:#3FF39F }
```

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

Here you see how a box with a 4 pixel #3FF39F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FF39F; -webkit-box-shadow:4px 4px  
4px 4px #3FF39F; box-shadow:4px 4px 4px  
4px #3FF39F }
```

Background

The CSS property to change the background color of an element to Hex 3FF39F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FF39F }
```

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

```
.background{ background-color:#3FF39F }
```

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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