

Converting Colors

Hex(39F97B)

Have a look what the booklet for
Hex(39F97B) contains.

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Color

Hex(39F97B)

Conversions

Conversions Part 1

Format	Color
Hex	39F97B
RGB	57, 249, 123
RGB Percent	22%, 98%, 48%
CMY	0.7765, 0.0235, 0.5176
CMYK	0.77, 0.00, 0.51, 0.02
HSL	141°, 94%, 60%
HSV	141°, 77%, 98%
XYZ	39.1382, 70.0513, 30.1973
YIQ	177.2280, -73.9860, -79.8900

Conversions

Conversions Part 2

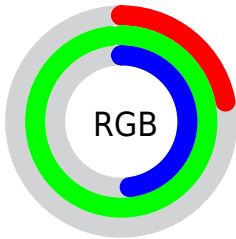
Format	Color
RYB	57, 200, 249
Decimal	3799419
CIELab	87.02, -72.08, 47.20
CIELCh	87, 86.155, 146.782
Yxy	70.0513, 0.2808, 0.5026
Android (android.graphics.Color)	4281989499 (0xFF39F97B)
YUV	177.2280, -26.7344, -105.4400
Hunter-Lab	83.6966, -62.9991, 37.1961

Details

The Hex color **39F97B** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **F939B7**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **84FFB2**, and **00BF47** is the 20% darker color. If you saturate the color by 10%, you get **20F96B**, and if you desaturate by 10%, it is **52F98B**.

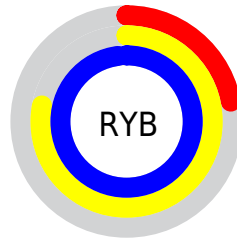
Distribution



Red (22%)

Green (98%)

Blue (48%)



Red (22%)

Yellow (78%)

Blue (98%)

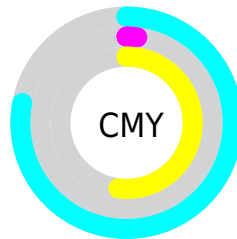


Cyan (77%)

Magenta (0%)

Yellow (51%)

Black (2%)



Cyan (78%)

Magenta (2%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39F97B 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 39F97B by changing the saturation by 10% instead.

 39F97B

 39F97B

FFFFFF

 00DC61

 84FFB2

 00BF47

 A5FFCE

 00A32C

 C5FFEA

 00870D

 E4FFFF

 006C00

 005200

 003A00

 002000

 000000

 39F97B

 39F97B

 20F96B

 52F98B

 07F95A

 6BF99C

 00F956

 84F9AC

 9DF9BC

 B5F9CD

 CEF9DD

 E7F9ED

 FFF9FE

 FFF9FF

Harmonies

Analogous

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



BAEB32



39F97B



00FFCE

Triad

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



39F97B



00E6FF



FF9295

Complementary

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



39F97B



F939B7

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.



FF89E6



39F97B



C8C8FF

Square

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



39F97B



00F8FF



FFA3FF



FFB24E

Rectangle

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



39F97B



00FFFF



FFA3FF



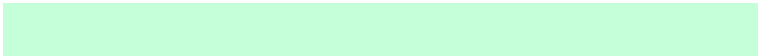
FF8BB0

Sweetspot

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



39F97B



C4FFD9



B9F939



5C8068



000000



808080

Same Dimension

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



39F97B



12FF63



39F9D9



707D75



00BD41



003D15

Inverse Universe

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



F939B7



FF12AD



F93959



7D7079



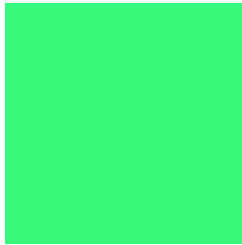
BD007C



3D0028

Previews

White Background



This preview shows how the Hex color 39F97B 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 39F97B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

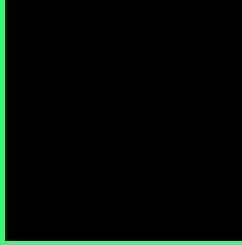
Any Text WCAG AA ✓ Pass

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 39F97B Background



This preview shows how black text looks on a background with the Hex color 39F97B.

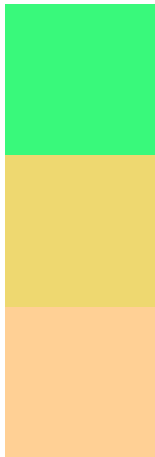


This preview shows how white text looks on a background with the Hex color 39F97B.

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
39F97B

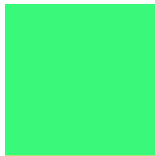
Protanopia
EED870

Deuteranopia
FFD095



Tritanopia
6CEBFE

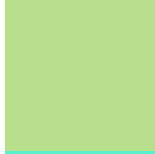
Trichromacy



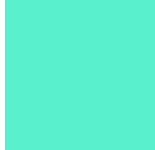
Original Color
39F97B



Protanomaly
ACE474



Deuteranomaly
B7DF8C

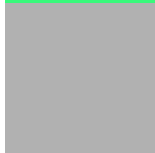


Tritanomaly
59F0CE

Monochromacy



Original Color
39F97B



Achromatopsia
B1B1B1



Achromatomaly
85CB9D

CSS Examples

Text

The CSS property to change the color of the text to Hex 39F97B 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 #39F97B looks like.

```
.text, #text, p{  
    color:#39F97B  
}
```

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 #39F97B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39F97B
}
```

Border

The CSS property to change the border of an element to Hex 39F97B 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
#39F97B }
```

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

```
.border{ border-color:#39F97B }
```

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

Here you see how a box with a 4 pixel #39F97B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39F97B; -webkit-box-shadow:4px 4px  
4px 4px #39F97B; box-shadow:4px 4px 4px  
4px #39F97B }
```

Background

The CSS property to change the background color of an element to Hex 39F97B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39F97B }
```

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

```
.background{ background-color:#39F97B }
```

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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