

Converting Colors

Hex(39FF7E)

Have a look what the booklet for
Hex(39FF7E) contains.

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Color

Hex(39FF7E)

Conversions

Conversions Part 1

Format	Color
Hex	39FF7E
RGB	57, 255, 126
RGB Percent	22%, 100%, 49%
CMY	0.7765, 0.0000, 0.5059
CMYK	0.78, 0.00, 0.51, 0.00
HSL	141°, 100%, 61%
HSV	141°, 78%, 100%
XYZ	41.2132, 73.8962, 31.8299
YIQ	181.0920, -76.5990, -82.0950

Conversions

Conversions Part 2

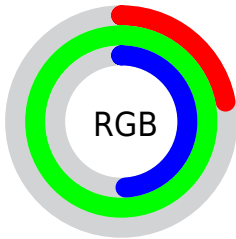
Format	Color
RYB	57, 204, 255
Decimal	3800958
CIELab	88.87, -73.60, 48.08
CIELCh	89, 87.909, 146.843
Yxy	73.8962, 0.2805, 0.5029
Android (android.graphics.Color)	4281991038 (0xFF39FF7E)
YUV	181.0920, -27.1604, -108.8287
Hunter-Lab	85.9629, -64.8567, 38.2204

Details

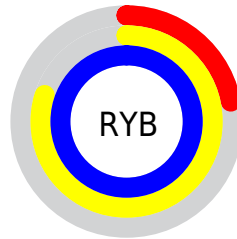
The Hex color **39FF7E** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **FF39BA**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **86FFB5**, and **00C549** is the 20% darker color. If you saturate the color by 10%, you get **1FFF6D**, and if you desaturate by 10%, it is **52FF8F**.

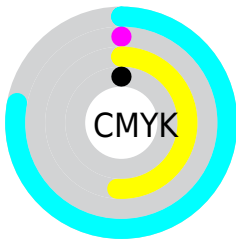
Distribution



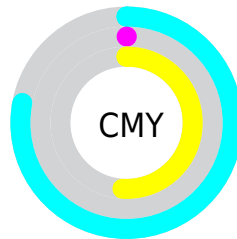
- Red (22%)
- Green (100%)
- Blue (49%)



- Red (22%)
- Yellow (80%)
- Blue (100%)



- Cyan (78%)
- Magenta (0%)
- Yellow (51%)
- Black (0%)



- Cyan (78%)
- Magenta (0%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39FF7E 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 39FF7E by changing the saturation by 10% instead.

 39FF7E

 39FF7E

FFFFFF

 00E263

 86FFB5

 00C549

 A6FFD1

 00A82F

 C6FFEE

 008D10

 E6FFFF

 007200

 005700

 003F00

 002500

 000000

 39FF7E

 39FF7E

 1FFF6D

 52FF8F

 06FF5D

 6CFF9F

 00FF59

 85FFB0

 9FFFC0

 B8FFD1

 D2FFE2

 EBFFF2

FFFFFF

Harmonies

Analogous

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



BFF133



39FF7E



00FFD3

Triad

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



39FF7E



00ECFF



FF9599

Complementary

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



39FF7E



FF39BA

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.



FF8CEC



39FF7E



CDCDFF

Square

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



39FF7E



00FEFF



FFA7FF



FFB750

Rectangle

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



39FF7E



00FFFF



FFA7FF



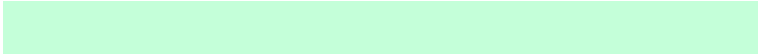
FF8EB4

Sweetspot

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



39FF7E



C4FFD9



BDFF39



5C8068



000000



808080

Same Dimension

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



39FF7E



12FF64



39FFDE



738077



00BF43



004016

Inverse Universe

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



FF39BA



FF12AC



FF395A



80737B



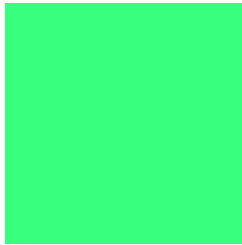
BF007D



40002A

Previews

White Background



This preview shows how the Hex color 39FF7E looks on a white background.

Color Contrast Check

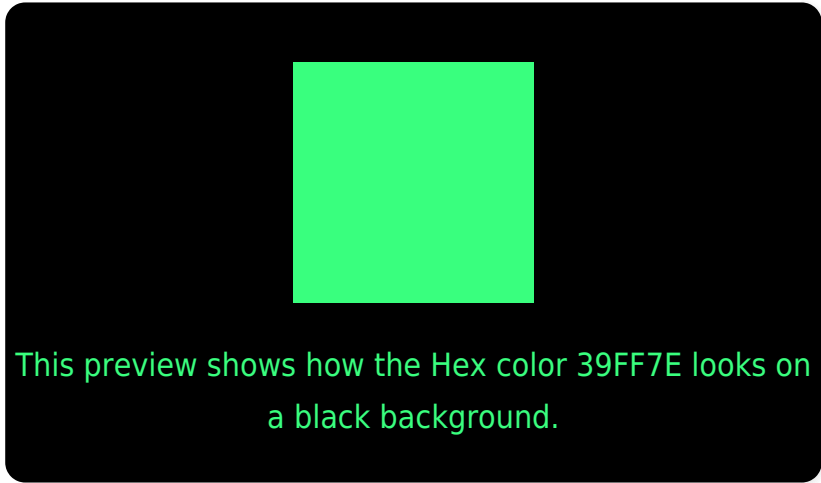
Large Text (above 18pt) WCAG AA × Fail

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 39FF7E Background



This preview shows how black text looks on a background with the Hex color 39FF7E.

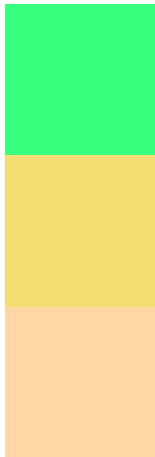


This preview shows how white text looks on a background with the Hex color 39FF7E.

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](#).

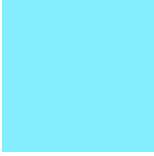
Dichromacy



Original Color
39FF7E

Protanopia
F4DD72

Deuteranopia
FFD6A6



Tritanopia
84EEFF

Trichromacy



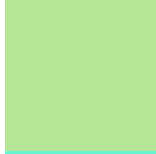
Original Color

39FF7E



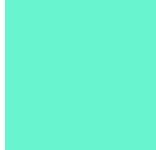
Protanomaly

B0E976



Deuteranomaly

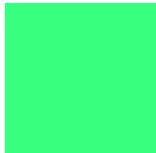
B7E597



Tritanomaly

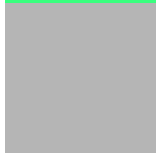
69F4D0

Monochromacy



Original Color

39FF7E



Achromatopsia

B5B5B5



Achromatomaly

88D0A1

CSS Examples

Text

The CSS property to change the color of the text to Hex 39FF7E 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 #39FF7E looks like.

```
.text, #text, p{  
    color:#39FF7E  
}
```

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 #39FF7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39FF7E
}
```

Border

The CSS property to change the border of an element to Hex 39FF7E 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
#39FF7E }
```

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

```
.border{ border-color:#39FF7E }
```

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

Here you see how a box with a 4 pixel #39FF7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39FF7E; -webkit-box-shadow:4px 4px  
4px 4px #39FF7E; box-shadow:4px 4px 4px  
4px #39FF7E }
```

Background

The CSS property to change the background color of an element to Hex 39FF7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39FF7E }
```

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

```
.background{ background-color:#39FF7E }
```

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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