

Converting Colors

Hex(9FFE4C)

Have a look what the booklet for
Hex(9FFE4C) contains.

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Color

Hex(9FFE4C)

Conversions

Conversions Part 1

Format	Color
Hex	9FFE4C
RGB	159, 254, 76
RGB Percent	62%, 100%, 30%
CMY	0.3765, 0.0039, 0.7020
CMYK	0.37, 0.00, 0.70, 0.00
HSL	92°, 99%, 65%
HSV	92°, 70%, 100%
XYZ	51.0444, 78.7764, 19.3525
YIQ	205.3030, 0.5180, -75.4980

Conversions

Conversions Part 2

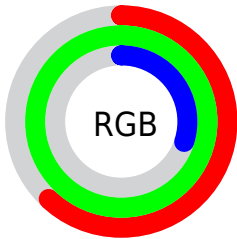
Format	Color
RYB	76, 254, 171
Decimal	10485324
CIELab	91.13, -55.36, 72.26
CIELCh	91, 91.032, 127.456
Yxy	78.7764, 0.3422, 0.5281
Android (android.graphics.Color)	4288675404 (0xFF9FFE4C)
YUV	205.3030, -63.7464, -40.6077
Hunter-Lab	88.7560, -52.6661, 49.2015

Details

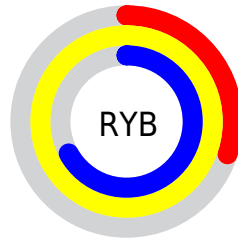
The Hex color **9FFE4C** is a light color, and the websafe version is hex **99FF33**. The color can be described as light washed chartreuse. A complement of this color would be **AB4CFE**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **DBFF86**, and **63C500** is the 20% darker color. If you saturate the color by 10%, you get **91FE33**, and if you desaturate by 10%, it is **ADFE65**.

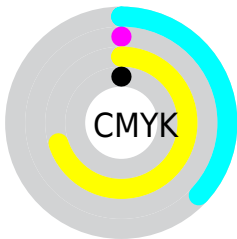
Distribution



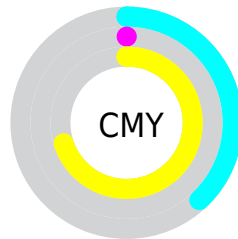
- Red (62%)
- Green (100%)
- Blue (30%)



- Red (30%)
- Yellow (100%)
- Blue (67%)



- Cyan (37%)
- Magenta (0%)
- Yellow (70%)
- Black (0%)



- Cyan (38%)
- Magenta (0%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Hex color 9FFE4C 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 9FFE4C by changing the saturation by 10% instead.

 9FFE4C

 9FFE4C

FFFFFF

 81E12C

 DBFF86

 63C500

 F9FFA3

 44A900

 FFFFC0

 1D8E00

 FFFFDD

 007300

 FFFFFB

 005A00

 004100

 002B00

 000800

 9FFE4C

 9FFE4C

 91FE33

 ADFE65

 84FE19

 BAFE7F

 76FE00

 C8FE98

 D5FEB2

 E3FECB

 F0FEE4

 FEFEFE

 FFFEFF

Harmonies

Analogous

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



FCE900



9FFE4C



00FF9F

Triad

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



9FFE4C



00FFFF



FF8DD3

Complementary

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



9FFE4C



AB4CFE

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.



FF9DFF



9FFE4C



00E9FF

Square

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



9FFE4C



00FFFF



FFC4FF



FFA380

Rectangle

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



9FFE4C



00FFDB



FFC4FF



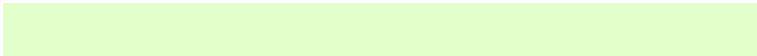
FF8EF1

Sweetspot

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



9FFE4C



E2FFC9



FEAB4C



6E8060



000000



808080

Same Dimension

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



9FFE4C



8DFF29



4CFE52



798073



59BF00



1E4000

Inverse Universe

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



AB4CFE



9B29FF



FE4CF8



7A7380



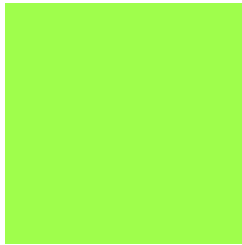
6600BF



220040

Previews

White Background



This preview shows how the Hex color 9FFE4C looks on a white background.

Color Contrast Check

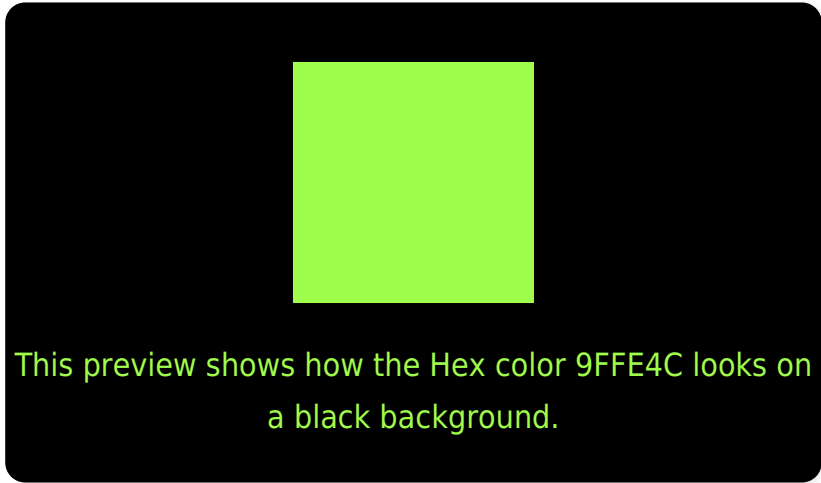
Large Text (above 18pt) WCAG AA × Fail

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

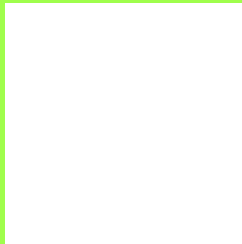
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 9FFE4C Background



This preview shows how black text looks on a background with the Hex color 9FFE4C.

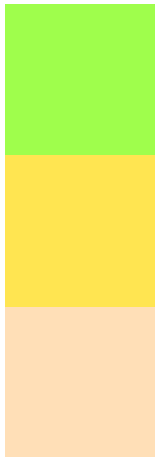


This preview shows how white text looks on a background with the Hex color 9FFE4C.

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](#).

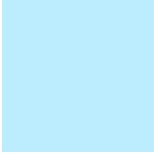
Dichromacy



Original Color
9FFE4C

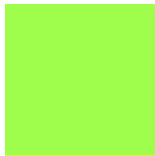
Protanopia
FFE551

Deuteranopia
FFDFB7

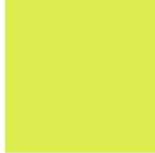


Tritanopia
BBEDFF

Trichromacy



Original Color
9FFE4C



Protanomaly
DCEE4F



Deuteranomaly
DCEA90

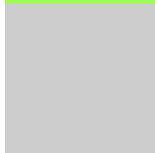


Tritanomaly
B1F3BE

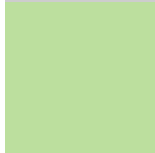
Monochromacy



Original Color
9FFE4C



Achromatopsia
CDCDCD



Achromatomaly
BCDF9E

CSS Examples

Text

The CSS property to change the color of the text to Hex 9FFE4C 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 #9FFE4C looks like.

```
.text, #text, p{  
    color:#9FFE4C  
}
```

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 #9FFE4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FFE4C
}
```

Border

The CSS property to change the border of an element to Hex 9FFE4C 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
#9FFE4C }
```

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

```
.border{ border-color:#9FFE4C }
```

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

Here you see how a box with a 4 pixel #9FFE4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FFE4C; -webkit-box-shadow:4px 4px  
4px 4px #9FFE4C; box-shadow:4px 4px 4px  
4px #9FFE4C }
```

Background

The CSS property to change the background color of an element to Hex 9FFE4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FFE4C }
```

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

```
.background{ background-color:#9FFE4C }
```

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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