

Converting Colors

Hex(9FE974)

Have a look what the booklet for
Hex(9FE974) contains.

Hex(9FE974)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9FE974)

Conversions

Conversions Part 1

Format	Color
Hex	9FE974
RGB	159, 233, 116
RGB Percent	62%, 91%, 45%
CMY	0.3765, 0.0863, 0.5451
CMYK	0.32, 0.00, 0.50, 0.09
HSL	98°, 73%, 68%
HSV	98°, 50%, 91%
XYZ	46.5894, 66.9097, 26.9823
YIQ	197.5360, -6.5470, -52.0750

Conversions

Conversions Part 2

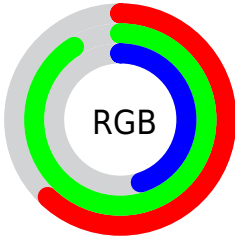
Format	Color
RYB	116, 233, 190
Decimal	10479988
CIELab	85.46, -43.09, 49.30
CIELCh	85, 65.479, 131.150
Yxy	66.9097, 0.3316, 0.4763
Android (android.graphics.Color)	4288670068 (0xFF9FE974)
YUV	197.5360, -40.1972, -33.7961
Hunter-Lab	81.7984, -41.4800, 37.7012

Details

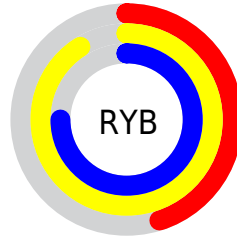
The Hex color **9FE974** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **BE74E9**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **D8FFAA**, and **67B140** is the 20% darker color. If you saturate the color by 10%, you get **90E95D**, and if you desaturate by 10%, it is **AEE98B**.

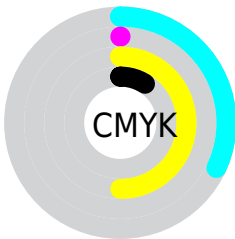
Distribution



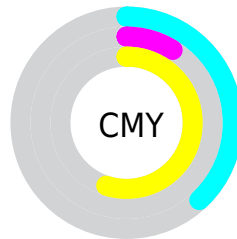
- Red (62%)
- Green (91%)
- Blue (45%)



- Red (45%)
- Yellow (91%)
- Blue (75%)



- Cyan (32%)
- Magenta (0%)
- Yellow (50%)
- Black (9%)



- Cyan (38%)
- Magenta (9%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9FE974 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 9FE974 by changing the saturation by 10% instead.

 9FE974

 9FE974

FFFFFF

 83CD5A

 D8FFAA


 67B140

 F6FFC6

 4C9625

 FFFFE3

 2F7B01

 086200

 004900

 003200

 001C00

 000000

 9FE974

 9FE974

 90E95D

 AEE98B

 82E945

 BCE9A3

 73E92E

 CBE9BA

 64E917

 DAE9D1

 56E900

 E9E9E9

 F7E9FF

 FFE9FF

Harmonies

Analogous

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



E3DA55



9FE974



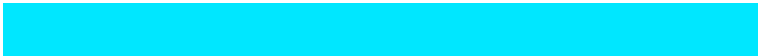
2EF2AB

Triad

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



9FE974



00E7FF



FFA0C1

Complementary

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



9FE974



BE74E9

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.



FFA6FF



9FE974



92D4FF

Square

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



9FE974



00F1FF



F8BCFF



FFAD87

Rectangle

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



9FE974



00F4D6



F8BCFF



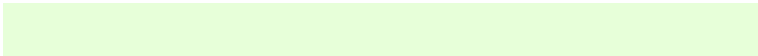
FF9FD6

Sweetspot

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



9FE974



E7FFD9



E9BC74



718069



000000



808080

Same Dimension

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



9FE974



9EFF66



74E982



6E756A



43B500



143600

Inverse Universe

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



BE74E9



C766FF



E974DB



716A75



7300B5



220036

Previews

White Background



This preview shows how the Hex color 9FE974 looks on a white background.

Color Contrast Check

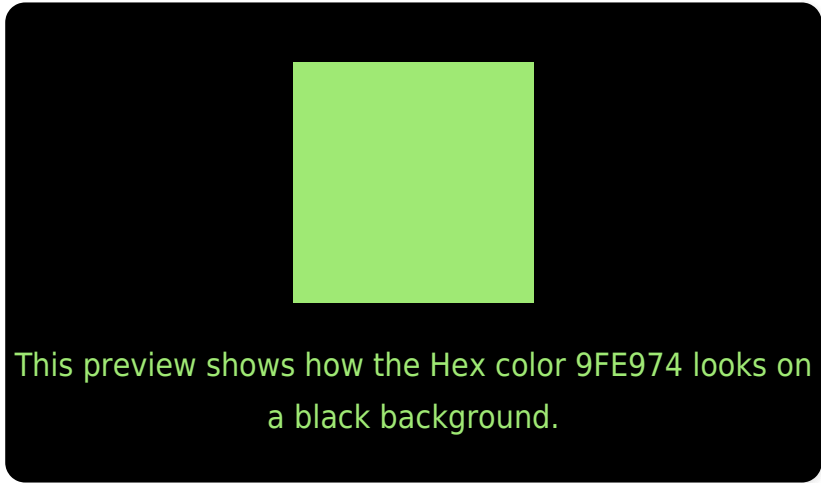
Large Text (above 18pt) WCAG AA × Fail

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 9FE974 Background



This preview shows how black text looks on a background with the Hex color 9FE974.

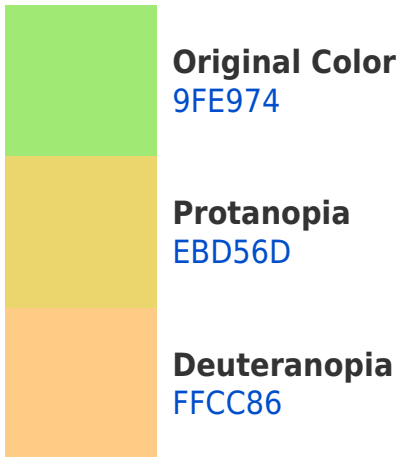


This preview shows how white text looks on a background with the Hex color 9FE974.

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
B2DCED

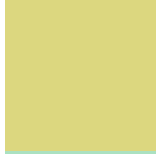
Trichromacy



Original Color
9FE974



Protanomaly
CFDC70



Deuteranomaly
DCD77F

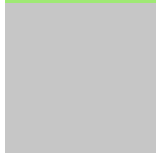


Tritanomaly
ABE1C1

Monochromacy



Original Color
9FE974



Achromatopsia
C6C6C6



Achromatomaly
B8D3A8

CSS Examples

Text

The CSS property to change the color of the text to Hex 9FE974 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 #9FE974 looks like.

```
.text, #text, p{  
    color:#9FE974  
}
```

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 #9FE974 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FE974
}
```

Border

The CSS property to change the border of an element to Hex 9FE974 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
#9FE974 }
```

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

```
.border{ border-color:#9FE974 }
```

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

Here you see how a box with a 4 pixel #9FE974 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FE974; -webkit-box-shadow:4px 4px  
4px 4px #9FE974; box-shadow:4px 4px 4px  
4px #9FE974 }
```

Background

The CSS property to change the background color of an element to Hex 9FE974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FE974 }
```

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

```
.background{ background-color:#9FE974 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor