

Converting Colors

Hex(9EE874)

Have a look what the booklet for
Hex(9EE874) contains.

Hex(9EE874)	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(9EE874)

Conversions

Conversions Part 1

Format	Color
Hex	9EE874
RGB	158, 232, 116
RGB Percent	62%, 91%, 45%
CMY	0.3804, 0.0902, 0.5451
CMYK	0.32, 0.00, 0.50, 0.09
HSL	98°, 72%, 68%
HSV	98°, 50%, 91%
XYZ	46.1095, 66.2433, 26.8790
YIQ	196.6500, -6.8680, -51.7640

Conversions

Conversions Part 2

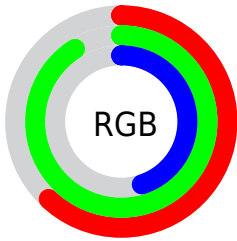
Format	Color
RYB	116, 232, 190
Decimal	10414196
CIELab	85.12, -42.99, 48.88
CIELCh	85, 65.097, 131.329
Yxy	66.2433, 0.3312, 0.4758
Android (android.graphics.Color)	4288604276 (0xFF9EE874)
YUV	196.6500, -39.7604, -33.8960
Hunter-Lab	81.3900, -41.3075, 37.3925

Details

The Hex color **9EE874** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **BE74E8**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **D7FFAA**, and **66B040** is the 20% darker color. If you saturate the color by 10%, you get **8FE85D**, and if you desaturate by 10%, it is **ADE88B**.

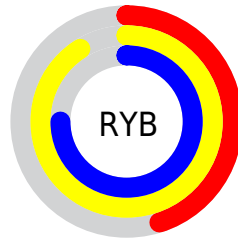
Distribution



Red (62%)

Green (91%)

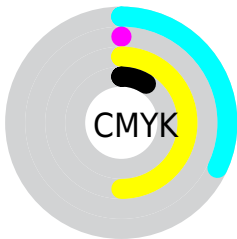
Blue (45%)



Red (45%)

Yellow (91%)

Blue (75%)

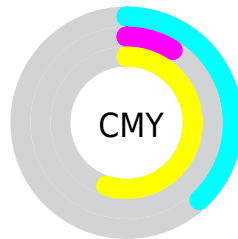


Cyan (32%)

Magenta (0%)

Yellow (50%)

Black (9%)



Cyan (38%)

Magenta (9%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EE874 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 9EE874 by changing the saturation by 10% instead.

 9EE874

 9EE874

FFFFFF

 82CC5A

 D7FFAA

 66B040

 F5FFC6

 4B9525

 FFFFE3

 2E7B02

 066100

 004900

 003100

 001A00

 000000

 9EE874

 9EE874

 8FE85D

 ADE88B

 80E846

 BCE8A2

 72E82E

 CAE8BA

 63E817

 D9E8D1

 54E800

 E8E8E8

 F7E8FF

 FFE8FF

Harmonies

Analogous

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



E1D955



9EE874



2EF1AB

Triad

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



9EE874



00E6FF



FF9FC0

Complementary

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



9EE874



BE74E8

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.



FFA5FE



9EE874



93D3FF

Square

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



9EE874



00FFFF



F7BBFF



FFAD86

Rectangle

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



9EE874



00F3D5



F7BBFF



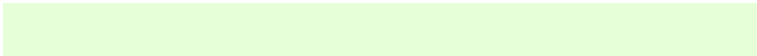
FF9FD4

Sweetspot

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



9EE874



E7FFD9



E8BD74



718069



000000



808080

Same Dimension

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



9EE874



9DFF66



74E883



6B7367



41B300



123300

Inverse Universe

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



BE74E8



C866FF



E874D9



6F6773



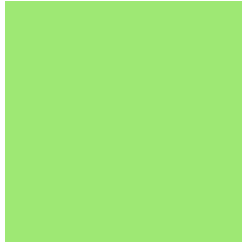
7200B3



210033

Previews

White Background



This preview shows how the Hex color 9EE874 looks on a white background.

Color Contrast Check

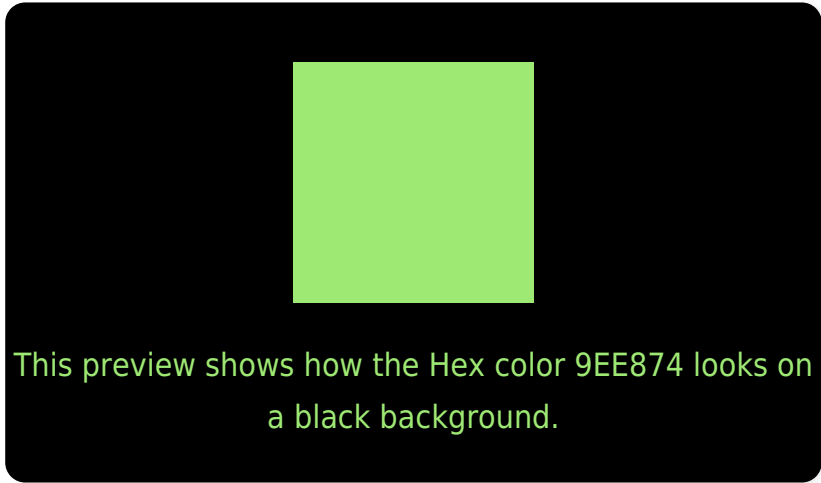
Large Text (above 18pt) WCAG AA × Fail

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 9EE874 Background



This preview shows how black text looks on a background with the Hex color 9EE874.

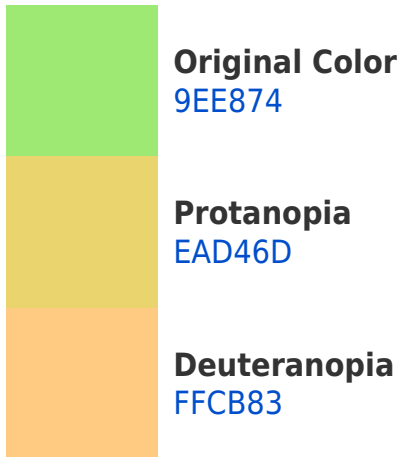


This preview shows how white text looks on a background with the Hex color 9EE874.

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



Trichromacy



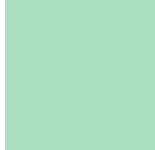
Original Color
9EE874



Protanomaly
CEDB70



Deuteranomaly
DCD67E

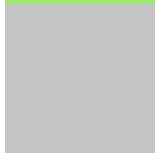


Tritanomaly
AAE0C0

Monochromacy



Original Color
9EE874



Achromatopsia
C5C5C5



Achromatomaly
B7D2A8

CSS Examples

Text

The CSS property to change the color of the text to Hex 9EE874 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 #9EE874 looks like.

```
.text, #text, p{  
    color:#9EE874  
}
```

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 #9EE874 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EE874
}
```

Border

The CSS property to change the border of an element to Hex 9EE874 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
#9EE874 }
```

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

```
.border{ border-color:#9EE874 }
```

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

Here you see how a box with a 4 pixel #9EE874 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EE874; -webkit-box-shadow:4px 4px  
4px 4px #9EE874; box-shadow:4px 4px 4px  
4px #9EE874 }
```

Background

The CSS property to change the background color of an element to Hex 9EE874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EE874 }
```

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

```
.background{ background-color:#9EE874 }
```

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