

Converting Colors

Hex(9EE369)

Have a look what the booklet for
Hex(9EE369) contains.

Hex(9EE369)	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(9EE369)

Conversions

Conversions Part 1

Format	Color
Hex	9EE369
RGB	158, 227, 105
RGB Percent	62%, 89%, 41%
CMY	0.3804, 0.1098, 0.5882
CMYK	0.30, 0.00, 0.54, 0.11
HSL	94°, 69%, 65%
HSV	94°, 54%, 89%
XYZ	44.1194, 63.2272, 23.2433
YIQ	192.4610, -1.9620, -52.5700

Conversions

Conversions Part 2

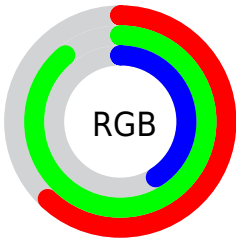
Format	Color
RYB	105, 227, 174
Decimal	10412905
CIELab	83.56, -42.01, 52.13
CIELCh	84, 66.947, 128.863
Yxy	63.2272, 0.3378, 0.4842
Android (android.graphics.Color)	4288602985 (0xFF9EE369)
YUV	192.4610, -43.1183, -30.2223
Hunter-Lab	79.5155, -40.1109, 38.3297

Details

The Hex color **9EE369** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **AE69E3**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **D7FF9F**, and **66AB34** is the 20% darker color. If you saturate the color by 10%, you get **91E352**, and if you desaturate by 10%, it is **ABE380**.

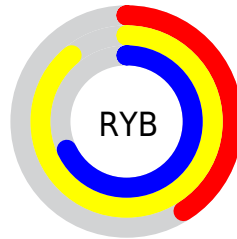
Distribution



Red (62%)

Green (89%)

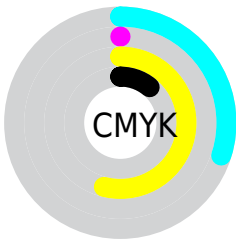
Blue (41%)



Red (41%)

Yellow (89%)

Blue (68%)

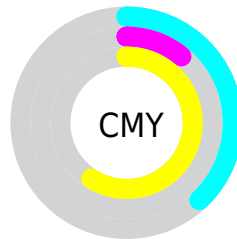


Cyan (30%)

Magenta (0%)

Yellow (54%)

Black (11%)



Cyan (38%)

Magenta (11%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EE369 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 9EE369 by changing the saturation by 10% instead.

 9EE369

FFFFFF

 D7FF9F

 F5FFBB

 FFFFD7

 FFFFF4

 9EE369

 82C74F


 66AB34

 4B9016

 2E7600

 095D00

 004500

 002E00

 001500

 000000

 9EE369

 9EE369

 91E352

 ABE380

 84E33C

 B8E396

 77E325

 C5E3AD

 6BE30E

 D1E3C4

 63E300

 DEE3DB

 EBE3F1

 F8E3FF

 FFE3FF

Harmonies

Analogous

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



E2D34B



9EE369



2CECA0

Triad

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



9EE369



00E3FF



FF98C0

Complementary

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



9EE369



AE69E3

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.



FFA0FF



9EE369



7DD1FF

Square

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



9EE369



00EDFF



EDB8FF



FFA584

Rectangle

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



9EE369



00EFCC



EDB8FF



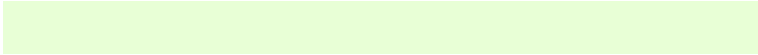
FF98D5

Sweetspot

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



9EE369



E8FFD6



E3AC69



728067



000000



808080

Same Dimension

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



9EE369



A3FF5C



69E36F



6C7367



4EB300



163300

Inverse Universe

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



AE69E3



B85CFF



E369DD



6E6773



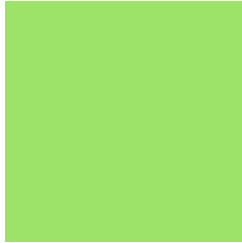
6500B3



1D0033

Previews

White Background



This preview shows how the Hex color 9EE369 looks on a white background.

Color Contrast Check

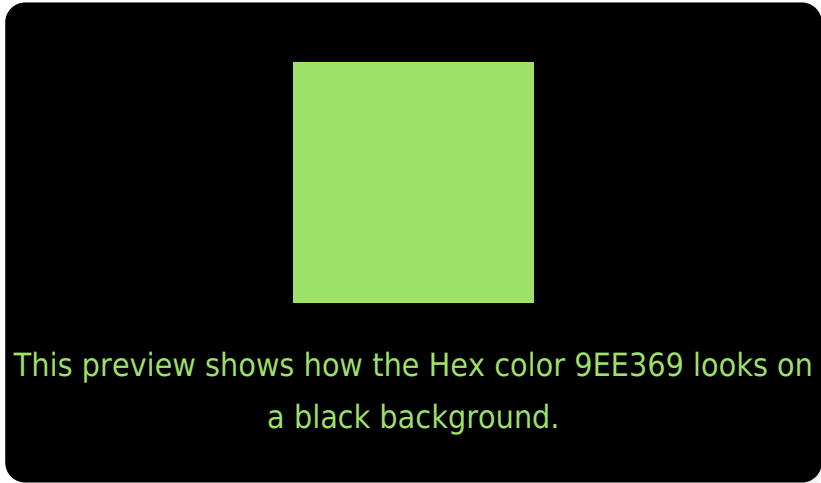
Large Text (above 18pt) WCAG AA × Fail

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 9EE369 Background



This preview shows how black text looks on a background with the Hex color 9EE369.

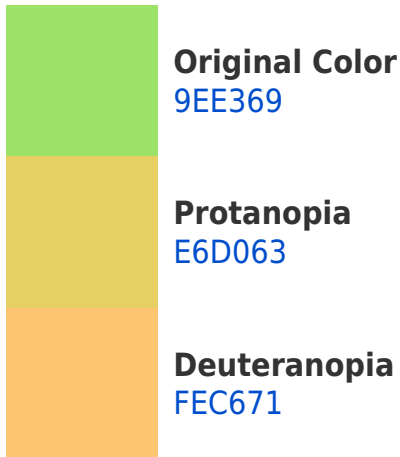


This preview shows how white text looks on a background with the Hex color 9EE369.

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](#).

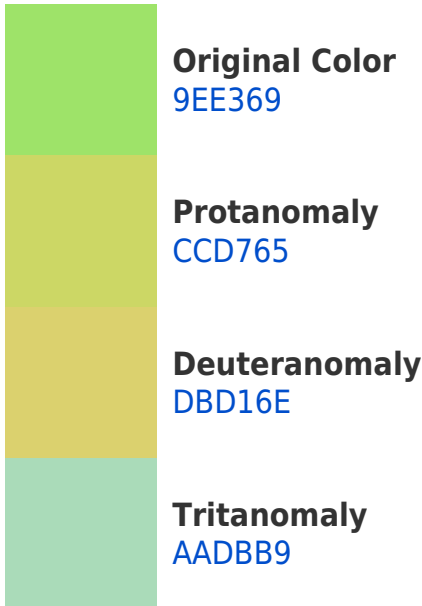
Dichromacy



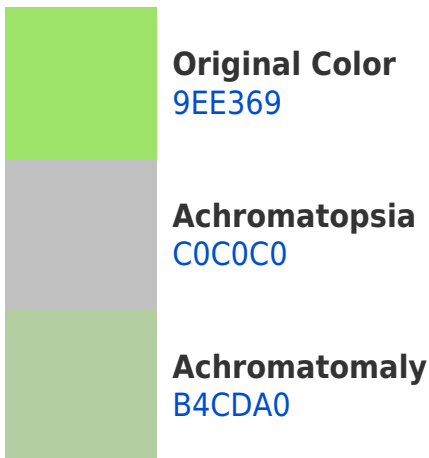


Tritanopia
B1D6E7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9EE369 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 #9EE369 looks like.

```
.text, #text, p{  
    color:#9EE369  
}
```

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 #9EE369 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EE369
}
```

Border

The CSS property to change the border of an element to Hex 9EE369 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
#9EE369 }
```

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

```
.border{ border-color:#9EE369 }
```

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

Here you see how a box with a 4 pixel #9EE369 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EE369; -webkit-box-shadow:4px 4px  
4px 4px #9EE369; box-shadow:4px 4px 4px  
4px #9EE369 }
```

Background

The CSS property to change the background color of an element to Hex 9EE369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EE369 }
```

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

```
.background{ background-color:#9EE369 }
```

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