

# Converting Colors

Hex(9EE266)

Have a look what the booklet for  
Hex(9EE266) contains.

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**Color**

**Hex(9EE266)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9EE266
RGB	158, 226, 102
RGB Percent	62%, 89%, 40%
CMY	0.3804, 0.1137, 0.6000
CMYK	0.30, 0.00, 0.55, 0.11
HSL	93°, 68%, 64%
HSV	93°, 55%, 89%
XYZ	43.6952, 62.6211, 22.3545
YIQ	191.5320, -0.7240, -52.9800

# Conversions

## Conversions Part 2

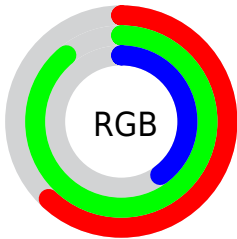
Format	Color
<a href="#">RYB</a>	<a href="#">102, 226, 170</a>
Decimal	<a href="#">10412646</a>
CIELab	<a href="#">83.24, -41.88, 53.12</a>
CIELCh	<a href="#">83, 67.642, 128.249</a>
Yxy	<a href="#">62.6211, 0.3396, 0.4867</a>
Android (android.graphics.Color)	<a href="#">4288602726 (0xFF9EE266)</a>
YUV	<a href="#">191.5320, -44.1393, -29.4076</a>
Hunter-Lab	<a href="#">79.1335, -39.9212, 38.6446</a>

# Details

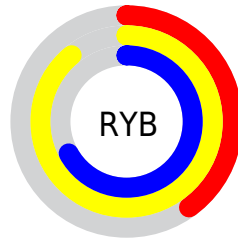
The Hex color **9EE266** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **AA66E2**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **D7FF9C**, and **66AA30** is the 20% darker color. If you saturate the color by 10%, you get **92E24F**, and if you desaturate by 10%, it is **AAE27D**.

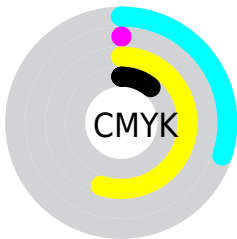
# Distribution



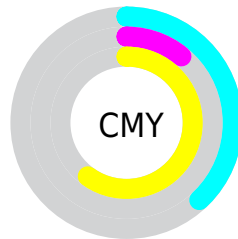
- Red (62%)
- Green (89%)
- Blue (40%)



- Red (40%)
- Yellow (89%)
- Blue (67%)



- Cyan (30%)
- Magenta (0%)
- Yellow (55%)
- Black (11%)



- Cyan (38%)
- Magenta (11%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9EE266 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 9EE266 by changing the saturation by 10% instead.



 9EE266

 9EE266

FFFFFF

 82C64B

 D7FF9C

 66AA30

 F5FFB8

 4B8F11

 FFFFD4

 2E7500

 FFFFF1

 095C00

 004400

 002D00

 001300

 000000

 9EE266

 9EE266

 92E24F

 AAE27D

 85E239

 B7E293

 79E222

 C3E2AA

 6CE20C

 D0E2C0

 66E200

 DCE2D7

 E8E2EE

 F5E2FF

 FFE2FF

# Harmonies

## Analogous

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



E2D249



9EE266



2BEB9E

# Triad

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



9EE266



00E3FF



FF96C0

# Complementary

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



9EE266



AA66E2

# 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.



FF9FFF



9EE266



77D0FF

# Square

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



9EE266



00ECFF



EAB7FF



FFA384

# Rectangle

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



9EE266



00EEC9



EAB7FF



FF97D6

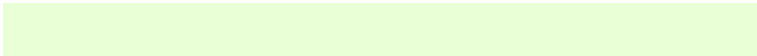


# Sweetspot

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



9EE266



E9FFD6



E2A866



728067



000000



808080



# Same Dimension

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



9EE266



A3FF57



66E26A



6A7065



4FB000



163000



# Inverse Universe

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



AA66E2



B357FF



E266DE



6B6570



6000B0



1B0030



# Previews

## White Background



This preview shows how the Hex color 9EE266 looks on a white background.

## Color Contrast Check

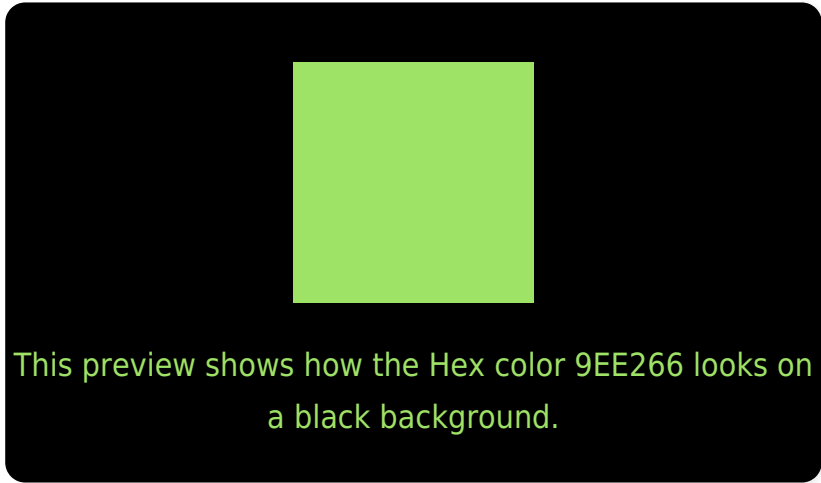
Large Text (above 18pt) WCAG AA × Fail

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 9EE266 Background



This preview shows how black text looks on a background with the Hex color 9EE266.

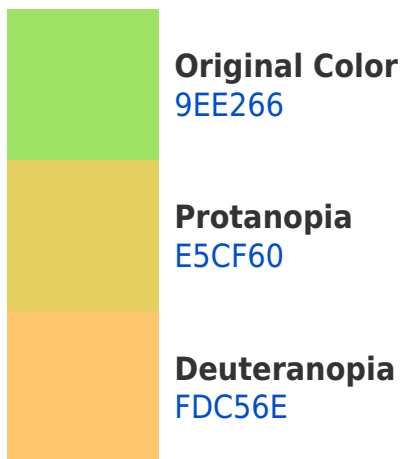


This preview shows how white text looks on a background with the Hex color 9EE266.

# 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**  
B1D4E5

# Trichromacy



**Original Color**  
9EE266



**Protanomaly**  
CBD662



**Deuteranomaly**  
DAD06B



**Tritanomaly**  
AAD9B7

# Monochromacy



**Original Color**  
9EE266



**Achromatopsia**  
C0C0C0



**Achromatomaly**  
B4CC9F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9EE266 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 #9EE266 looks like.

```
.text, #text, p{  
    color:#9EE266  
}
```

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 #9EE266 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EE266
}
```

## Border

The CSS property to change the border of an element to Hex 9EE266 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
#9EE266 }
```

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

```
.border{ border-color:#9EE266 }
```

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

Here you see how a box with a 4 pixel #9EE266 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EE266; -webkit-box-shadow:4px 4px  
4px 4px #9EE266; box-shadow:4px 4px 4px  
4px #9EE266 }
```

# Background

The CSS property to change the background color of an element to Hex 9EE266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EE266 }
```

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

```
.background{ background-color:#9EE266 }
```

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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