

# Converting Colors

Hex(9EE38F)

Have a look what the booklet for  
Hex(9EE38F) contains.

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# Color

**Hex(9EE38F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9EE38F
RGB	158, 227, 143
RGB Percent	62%, 89%, 56%
CMY	0.3804, 0.1098, 0.4392
CMYK	0.30, 0.00, 0.37, 0.11
HSL	109°, 60%, 73%
HSV	109°, 37%, 89%
XYZ	46.5276, 64.1904, 35.9243
YIQ	196.7930, -14.1600, -40.7520

# Conversions

## Conversions Part 2

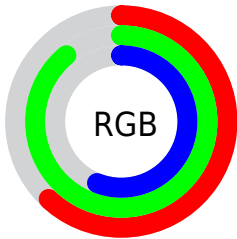
Format	Color
<a href="#">RYB</a>	<a href="#">143, 227, 212</a>
Decimal	<a href="#">10412943</a>
CIELab	<a href="#">84.06, -37.26, 34.33</a>
CIElCh	<a href="#">84, 50.658, 137.343</a>
Yxy	<a href="#">64.1904, 0.3173, 0.4377</a>
Android (android.graphics.Color)	<a href="#">4288603023</a> ( <a href="#">0xFF9EE38F</a> )
YUV	<a href="#">196.7930, -26.5199, -34.0215</a>
Hunter-Lab	<a href="#">80.1189, -36.5476, 29.4984</a>

# Details

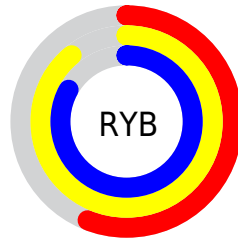
The Hex color **9EE38F** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **D48FE3**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **D6FFC5**, and **68AB5B** is the 20% darker color. If you saturate the color by 10%, you get **8BE378**, and if you desaturate by 10%, it is **B1E3A6**.

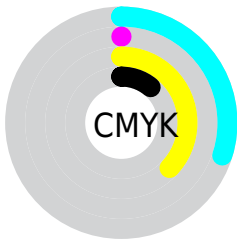
# Distribution



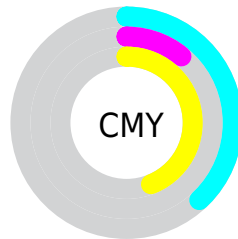
- Red (62%)
- Green (89%)
- Blue (56%)



- Red (56%)
- Yellow (89%)
- Blue (83%)



- Cyan (30%)
- Magenta (0%)
- Yellow (37%)
- Black (11%)



- Cyan (38%)
- Magenta (11%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9EE38F 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 9EE38F by changing the saturation by 10% instead.



 9EE38F

 9EE38F

FFFFFF

 83C775

 D6FFC5

 68AB5B

 F4FFE2

 4D9043

 32762B

 145D12

 004500

 002E00

 001700

 000000

 9EE38F

 9EE38F

 8BE378

 B1E3A6

 79E362

 C3E3BC

 66E34B

 D6E3D3

 53E334

 E9E3EA

 41E31E

 FBE3FF

 2EE307

 FFE3FF

 29E300

# Harmonies

## Analogous

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



D4D874



9EE38F



59E9BB

# Triad

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



9EE38F



59DCFF



FFACB8

# Complementary

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



9EE38F



D48FE3

# 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.



FFADE8



9EE38F



B7CDFE

# Square

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



9EE38F



00E7FF



F9BBFF



FFB78D

# Rectangle

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



9EE38F



00EBDC



F9BBFF



FFABC8

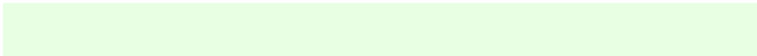


# Sweetspot

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



9EE38F



E8FFE3



E3D48F



72806F



000000



808080

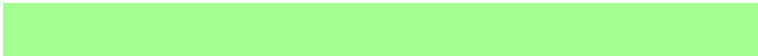


# Same Dimension

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



9EE38F



A3FF8F



8FE3AA



697367



20B300



093300



# Inverse Universe

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



D48FE3



EB8FFF



E38FC8



716773



9300B3

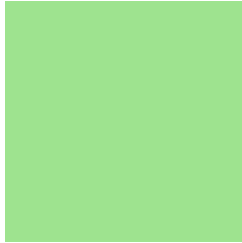


2A0033



# Previews

## White Background



This preview shows how the Hex color 9EE38F looks on a white background.

## Color Contrast Check

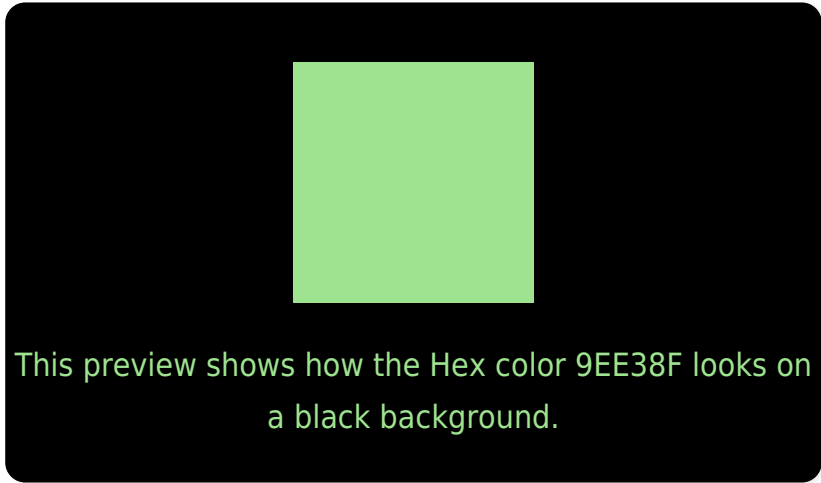
Large Text (above 18pt) WCAG AA × Fail

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

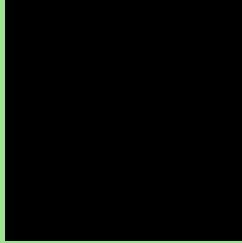
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9EE38F Background



This preview shows how black text looks on a background with the Hex color 9EE38F.

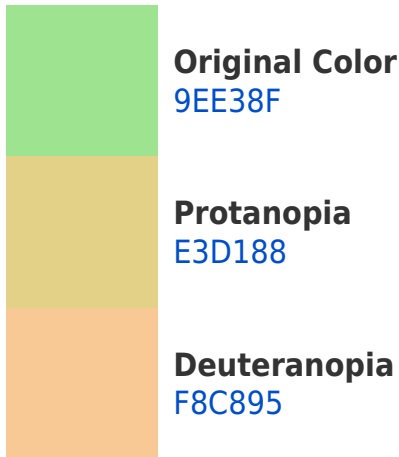


This preview shows how white text looks on a background with the Hex color 9EE38F.

# 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](#).

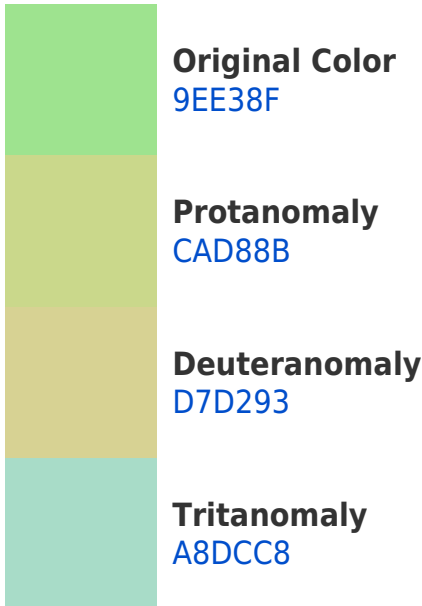
## Dichromacy



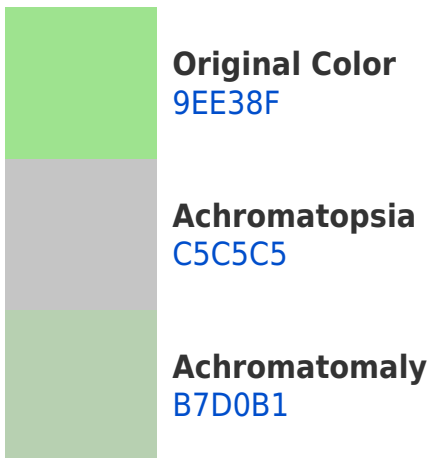


**Tritanopia**  
AED8E9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9EE38F 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 #9EE38F looks like.

```
.text, #text, p{  
    color:#9EE38F  
}
```

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 #9EE38F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EE38F
}
```

## Border

The CSS property to change the border of an element to Hex 9EE38F 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
#9EE38F }
```

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

```
.border{ border-color:#9EE38F }
```

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

Here you see how a box with a 4 pixel #9EE38F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EE38F; -webkit-box-shadow:4px 4px  
4px 4px #9EE38F; box-shadow:4px 4px 4px  
4px #9EE38F }
```

# Background

The CSS property to change the background color of an element to Hex 9EE38F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EE38F }
```

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

```
.background{ background-color:#9EE38F }
```

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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