

# Converting Colors

Hex(9EE2A7)

Have a look what the booklet for  
Hex(9EE2A7) contains.

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# **Color**

**Hex(9EE2A7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9EE2A7
RGB	158, 226, 167
RGB Percent	62%, 89%, 65%
CMY	0.3804, 0.1137, 0.3451
CMYK	0.30, 0.00, 0.26, 0.11
HSL	128°, 54%, 75%
HSV	128°, 30%, 89%
XYZ	48.2720, 64.4518, 46.4555
YIQ	198.9420, -21.5890, -32.7650

# Conversions

## Conversions Part 2

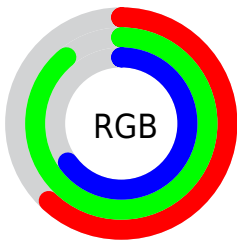
Format	Color
<a href="#">RYB</a>	<a href="#">158, 218, 226</a>
Decimal	<a href="#">10412711</a>
CIELab	<a href="#">84.20, -32.98, 22.20</a>
CIELCh	<a href="#">84, 39.749, 146.057</a>
Yxy	<a href="#">64.4518, 0.3033, 0.4049</a>
Android (android.graphics.Color)	<a href="#">4288602791 (0xFF9EE2A7)</a>
YUV	<a href="#">198.9420, -15.7474, -35.9061</a>
Hunter-Lab	<a href="#">80.2819, -33.1647, 21.8889</a>

# Details

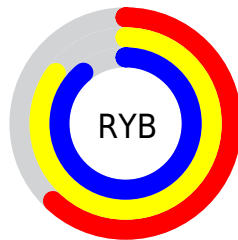
The Hex color **9EE2A7** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **E29ED9**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **D6FFDE**, and **68AA73** is the 20% darker color. If you saturate the color by 10%, you get **87E293**, and if you desaturate by 10%, it is **B5E2BB**.

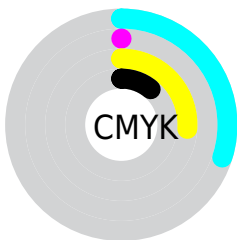
# Distribution



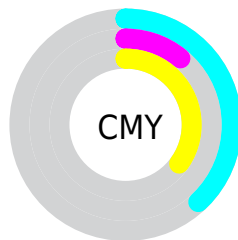
- Red (62%)
- Green (89%)
- Blue (65%)



- Red (62%)
- Yellow (85%)
- Blue (89%)



- Cyan (30%)
- Magenta (0%)
- Yellow (26%)
- Black (11%)



- Cyan (38%)
- Magenta (11%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9EE2A7 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 9EE2A7 by changing the saturation by 10% instead.



 9EE2A7

 9EE2A7

FFFFFF

 83C68C

 D6FFDE

 68AA73

 F3FFFB

 4E905A

 347642

 185C2B

 004415

 002D00

 001700

 000000

 9EE2A7

 9EE2A7

 87E293

 B5E2BB

 71E280

 CBE2CE

 5AE26C

 E2E2E2

 44E259

 F8E2F5

 2DE245

 FFE2FF

 16E231

 00E21E

# Harmonies

## Analogous

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



CADA8E



9EE2A7



70E6CC

# Triad

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



9EE2A7



96D7FF



FFB8B3

# Complementary

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



9EE2A7



E29ED9

# 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.



FFB6D9



9EE2A7



D0CAFF

# Square

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



9EE2A7



5EE1FF



FDBDFC



FFC195

# Rectangle

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



9EE2A7



55E6E5



FDBDFC



FFB6BF

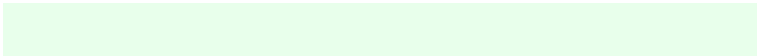


# Sweetspot

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



9EE2A7



E8FFEB



DAE29E



718073



000000



808080

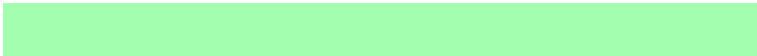


# Same Dimension

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



9EE2A7



A3FFAF



9EE2C8



657066



00B017



003006



# Inverse Universe

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



E29ED9



FFA3F3



E29EB8



70656F



B00099

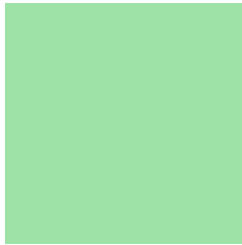


30002A



# Previews

## White Background



This preview shows how the Hex color 9EE2A7 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

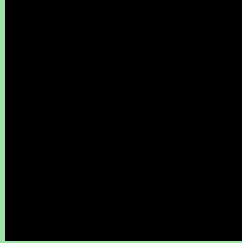
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9EE2A7 Background



This preview shows how black text looks on a background with the Hex color 9EE2A7.

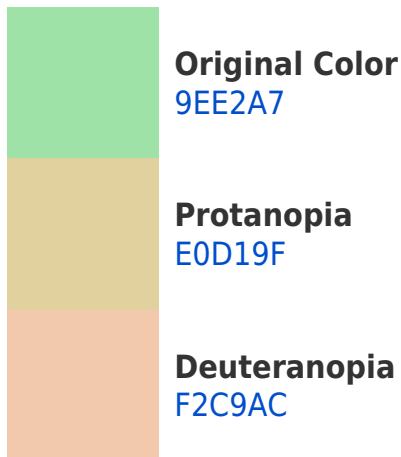


This preview shows how white text looks on a background with the Hex color 9EE2A7.

# 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



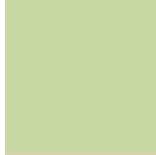


**Tritanopia**  
ABD9EB

# Trichromacy



**Original Color**  
9EE2A7



**Protanomaly**  
C8D7A2



**Deuteranomaly**  
D3D2AA



**Tritanomaly**  
A6DCD2

# Monochromacy



**Original Color**  
9EE2A7



**Achromatopsia**  
C7C7C7



**Achromatomaly**  
B8D1BB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9EE2A7 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 #9EE2A7 looks like.

```
.text, #text, p{  
    color:#9EE2A7  
}
```

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 #9EE2A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EE2A7
}
```

## Border

The CSS property to change the border of an element to Hex 9EE2A7 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
#9EE2A7 }
```

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

```
.border{ border-color:#9EE2A7 }
```

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

Here you see how a box with a 4 pixel #9EE2A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EE2A7; -webkit-box-shadow:4px 4px  
4px 4px #9EE2A7; box-shadow:4px 4px 4px  
4px #9EE2A7 }
```

# Background

The CSS property to change the background color of an element to Hex 9EE2A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EE2A7 }
```

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

```
.background{ background-color:#9EE2A7 }
```

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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