

Converting Colors

Hex(9AE39A)

Have a look what the booklet for
Hex(9AE39A) contains.

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Color

Hex(9AE39A)

Conversions

Conversions Part 1

Format	Color
Hex	9AE39A
RGB	154, 227, 154
RGB Percent	60%, 89%, 60%
CMY	0.3961, 0.1098, 0.3961
CMYK	0.32, 0.00, 0.32, 0.11
HSL	120°, 57%, 75%
HSV	120°, 32%, 89%
XYZ	46.6282, 64.1413, 40.4948
YIQ	196.8510, -20.0750, -38.1790

Conversions

Conversions Part 2

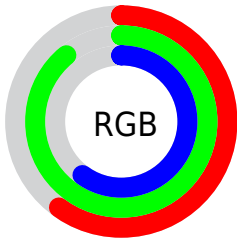
Format	Color
RYB	154, 227, 227
Decimal	10150810
CIELab	84.04, -36.86, 28.65
CIElCh	84, 46.688, 142.141
Yxy	64.1413, 0.3083, 0.4240
Android (android.graphics.Color)	4288340890 (0xFF9AE39A)
YUV	196.8510, -21.1255, -37.5803
Hunter-Lab	80.0883, -36.2298, 26.0832

Details

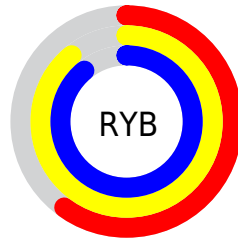
The Hex color **9AE39A** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **E39AE3**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **D2FFD1**, and **64AB66** is the 20% darker color. If you saturate the color by 10%, you get **83E383**, and if you desaturate by 10%, it is **B1E3B1**.

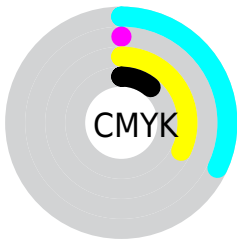
Distribution



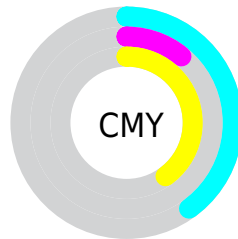
- Red (60%)
- Green (89%)
- Blue (60%)



- Red (60%)
- Yellow (89%)
- Blue (89%)



- Cyan (32%)
- Magenta (0%)
- Yellow (32%)
- Black (11%)



- Cyan (40%)
- Magenta (11%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AE39A 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 9AE39A by changing the saturation by 10% instead.

 9AE39A

 9AE39A

FFFFFF

 7FC780

 D2FFD1

 64AB66

 EFFFED

 49904E

 2E7636

 0E5D1F

 004507

 002E00

 001700

 000000

 9AE39A

 9AE39A

 83E383

 B1E3B1

 6DE36D

 C7E3C7

 56E356

 DEE3DE

 3FE33F

 F5E3F5

 29E329

 FFE3FF

 12E312

 00E300

Harmonies

Analogous

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



CDD97E



9AE39A



5DE8C4

Triad

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



9AE39A



7AD9FF



FFB1B3

Complementary

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



9AE39A



E39AE3

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.



FFB0DF



9AE39A



C5CAFF

Square

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



9AE39A



00E4FF



FEBAFF



FFBC8E

Rectangle

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



9AE39A



21E9E3



FEBAFF



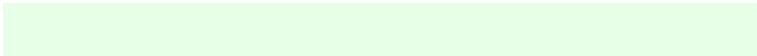
FFAFC1

Sweetspot

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



9AE39A



E6FFE6



E3E39A



708070



000000



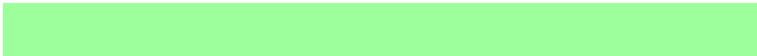
808080

Same Dimension

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



9AE39A



9CFF9C



9AE3BE



677367



00B300



003300

Inverse Universe

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



E39AE3



FF9CFF



E39ABE



736773



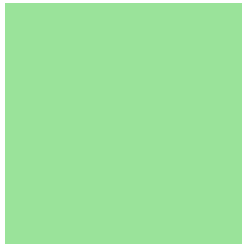
B300B3



330033

Previews

White Background



This preview shows how the Hex color 9AE39A 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



This preview shows how the Hex color 9AE39A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

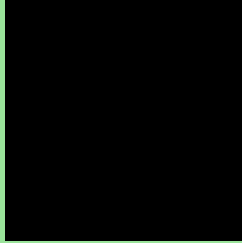
Any Text WCAG AA ✓ Pass

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 9AE39A Background



This preview shows how black text looks on a background with the Hex color 9AE39A.

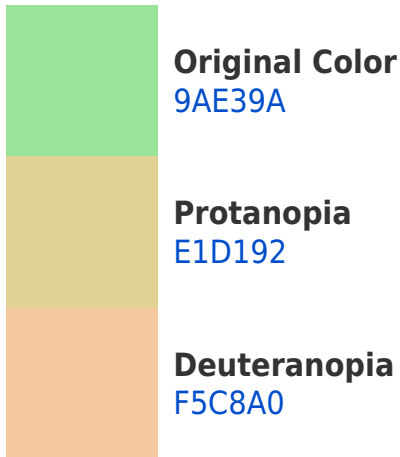


This preview shows how white text looks on a background with the Hex color 9AE39A.

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](#).

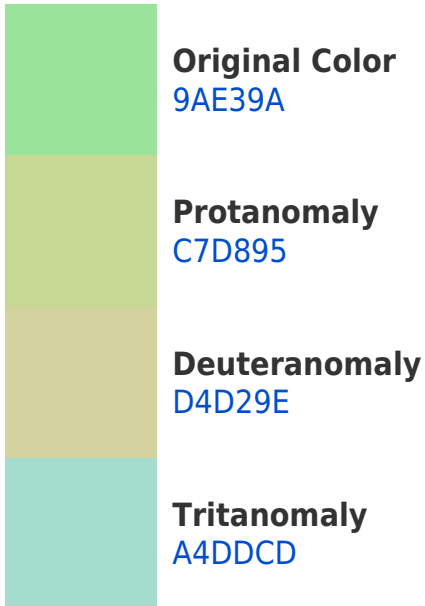
Dichromacy



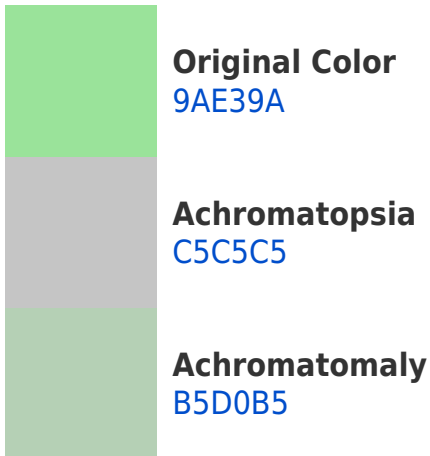


Tritanopia
A9D9EA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9AE39A 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 #9AE39A looks like.

```
.text, #text, p{  
    color:#9AE39A  
}
```

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 #9AE39A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AE39A
}
```

Border

The CSS property to change the border of an element to Hex 9AE39A 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
#9AE39A }
```

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

```
.border{ border-color:#9AE39A }
```

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

Here you see how a box with a 4 pixel #9AE39A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AE39A; -webkit-box-shadow:4px 4px  
4px 4px #9AE39A; box-shadow:4px 4px 4px  
4px #9AE39A }
```

Background

The CSS property to change the background color of an element to Hex 9AE39A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AE39A }
```

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

```
.background{ background-color:#9AE39A }
```

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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