

Converting Colors

Hex(9AE48B)

Have a look what the booklet for
Hex(9AE48B) contains.

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Color

Hex(9AE48B)

Conversions

Conversions Part 1

Format	Color
Hex	9AE48B
RGB	154, 228, 139
RGB Percent	60%, 89%, 55%
CMY	0.3961, 0.1059, 0.4549
CMYK	0.32, 0.00, 0.39, 0.11
HSL	110°, 62%, 72%
HSV	110°, 39%, 89%
XYZ	45.7300, 64.2209, 34.4117
YIQ	195.7280, -15.5350, -43.3670

Conversions

Conversions Part 2

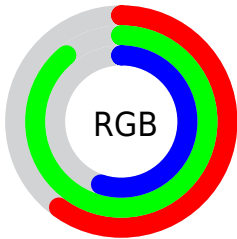
Format	Color
RYB	139, 228, 213
Decimal	10151051
CIELab	84.08, -39.59, 36.32
CIElCh	84, 53.726, 137.465
Yxy	64.2209, 0.3168, 0.4449
Android (android.graphics.Color)	4288341131 (0xFF9AE48B)
YUV	195.7280, -27.9669, -36.5955
Hunter-Lab	80.1379, -38.3819, 30.6371

Details

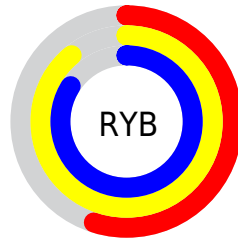
The Hex color **9AE48B** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **D58BE4**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **D3FFC1**, and **63AC58** is the 20% darker color. If you saturate the color by 10%, you get **87E474**, and if you desaturate by 10%, it is **ADE4A2**.

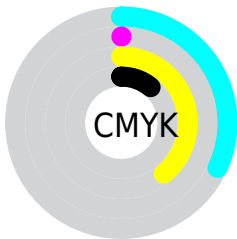
Distribution



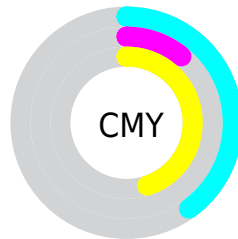
- Red (60%)
- Green (89%)
- Blue (55%)



- Red (55%)
- Yellow (89%)
- Blue (84%)



- Cyan (32%)
- Magenta (0%)
- Yellow (39%)
- Black (11%)



- Cyan (40%)
- Magenta (11%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AE48B 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 9AE48B by changing the saturation by 10% instead.

 9AE48B

FFFFFF

 D3FFC1

 F0FFDE

 FFFFA

 9AE48B

 7FC871

 63AC58

 48913F

 2D7727

 095E0D

 004500

 002E00

 001700

 000000

 9AE48B


 9AE48B

 87E474

 ADE4A2

 74E45D

 C0E4B9

 61E447

 D3E4CF

 4EE430

 E6E4E6

 3BE419

 F9E4FD

 28E402

 FFE4FF

 26E400

Harmonies

Analogous

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



D4D86E



9AE48B



4BEBBA

Triad

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



9AE48B



46DDFF



FFA9B6

Complementary

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



9AE48B



D58BE4

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.



FFABE9



9AE48B



B5CDFF

Square

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



9AE48B



00E8FF



FBB9FF



FFB589

Rectangle

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



9AE48B



00ECDD



FBB9FF



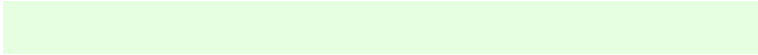
FFA8C7

Sweetspot

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



9AE48B



E6FFE0



E4D48B



71806E



000000



808080

Same Dimension

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



9AE48B



9BFF87



8BE4A7



697367



1EB300



093300

Inverse Universe

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



D58BE4



EB87FF



E48BC8



716773



9400B3



2A0033

Previews

White Background



This preview shows how the Hex color 9AE48B looks on a white background.

Color Contrast Check

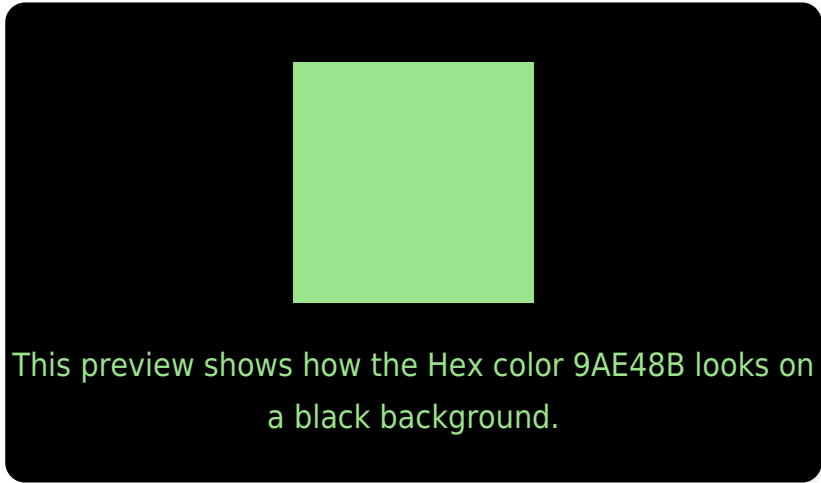
Large Text (above 18pt) WCAG AA × Fail

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

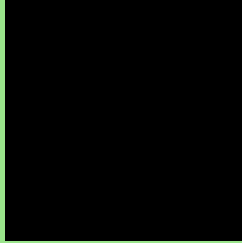
Any Text WCAG AA ✓ Pass

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 9AE48B Background



This preview shows how black text looks on a background with the Hex color 9AE48B.

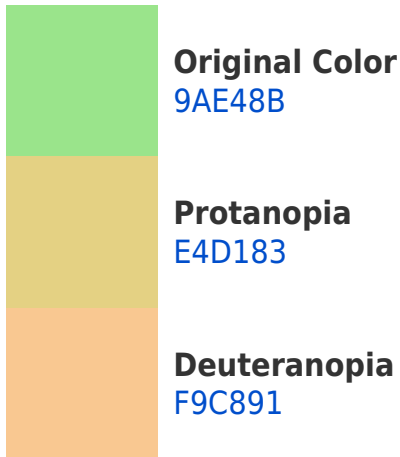


This preview shows how white text looks on a background with the Hex color 9AE48B.

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



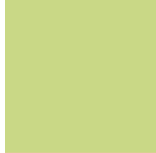


Tritanopia
ABD9EA

Trichromacy



Original Color
9AE48B



Protanomaly
C9D886



Deuteranomaly
D6D28F

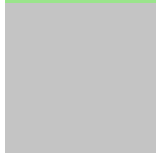


Tritanomaly
A5DDC7

Monochromacy



Original Color
9AE48B



Achromatopsia
C4C4C4



Achromatomaly
B5D0AF

CSS Examples

Text

The CSS property to change the color of the text to Hex 9AE48B 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 #9AE48B looks like.

```
.text, #text, p{  
    color:#9AE48B  
}
```

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 #9AE48B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AE48B
}
```

Border

The CSS property to change the border of an element to Hex 9AE48B 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
#9AE48B }
```

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

```
.border{ border-color:#9AE48B }
```

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

Here you see how a box with a 4 pixel #9AE48B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AE48B; -webkit-box-shadow:4px 4px  
4px 4px #9AE48B; box-shadow:4px 4px 4px  
4px #9AE48B }
```

Background

The CSS property to change the background color of an element to Hex 9AE48B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AE48B }
```

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

```
.background{ background-color:#9AE48B }
```

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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