

Converting Colors

Hex(9AE283)

Have a look what the booklet for
Hex(9AE283) contains.

Hex(9AE283)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9AE283)

Conversions

Conversions Part 1

Format	Color
Hex	9AE283
RGB	154, 226, 131
RGB Percent	60%, 89%, 51%
CMY	0.3961, 0.1137, 0.4863
CMYK	0.32, 0.00, 0.42, 0.11
HSL	105°, 62%, 70%
HSV	105°, 42%, 89%
XYZ	44.6195, 62.9014, 31.2622
YIQ	193.6420, -12.4170, -44.8090

Conversions

Conversions Part 2

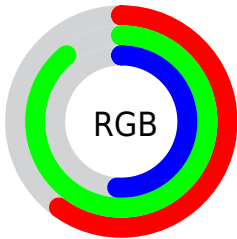
Format	Color
RYB	131, 226, 203
Decimal	10150531
CIELab	83.39, -39.81, 39.42
CIELCh	83, 56.026, 135.282
Yxy	62.9014, 0.3215, 0.4532
Android (android.graphics.Color)	4288340611 (0xFF9AE283)
YUV	193.6420, -30.8825, -34.7660
Hunter-Lab	79.3104, -38.3703, 32.1466

Details

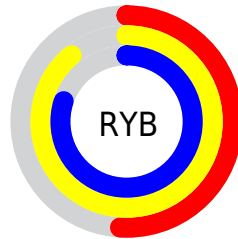
The Hex color **9AE283** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **CB83E2**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **D3FFB9**, and **63AA50** is the 20% darker color. If you saturate the color by 10%, you get **89E26C**, and if you desaturate by 10%, it is **ABE29A**.

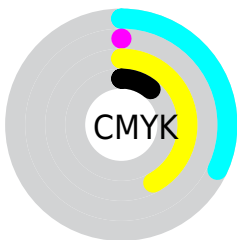
Distribution



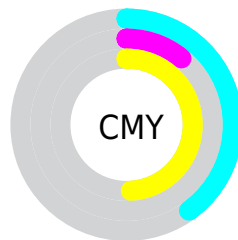
- Red (60%)
- Green (89%)
- Blue (51%)



- Red (51%)
- Yellow (89%)
- Blue (80%)



- Cyan (32%)
- Magenta (0%)
- Yellow (42%)
- Black (11%)



- Cyan (40%)
- Magenta (11%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AE283 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 9AE283 by changing the saturation by 10% instead.

 9AE283

FFFFFF

 D3FFB9

 F0FFD5

 FFFFF2

 9AE283

 7EC669

 63AA50

 488F37

 2C751E

 095C01

 004400

 002D00

 001400

 000000

 9AE283

 9AE283

 89E26C

 ABE29A

 78E256

 BCE2B0

 67E23F

 CDE2C7

 55E229

 DFE2DD

 44E212

 F0E2F4

 37E200

 FFE2FF

Harmonies

Analogous

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



D5D566



9AE283



46E9B3

Triad

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



9AE283



10DDFF



FFA5B7

Complementary

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



9AE283



CB83E2

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.



FFA7EC



9AE283



AACFF

Square

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



9AE283



00E7FF



F7B8FF



FFB187

Rectangle

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



9AE283



00EBD8



F7B8FF



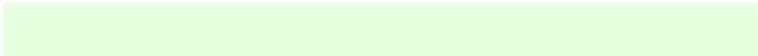
FFA4C8

Sweetspot

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



9AE283



E6FFDE



E2CA83



70806B



000000



808080

Same Dimension

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



9AE283



9EFF80



83E29B



687065



2BB000



0C3000

Inverse Universe

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



CB83E2



E080FF



E283CA



6D6570



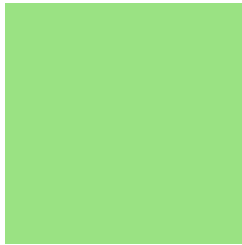
8500B0



250030

Previews

White Background



This preview shows how the Hex color 9AE283 looks on a white background.

Color Contrast Check

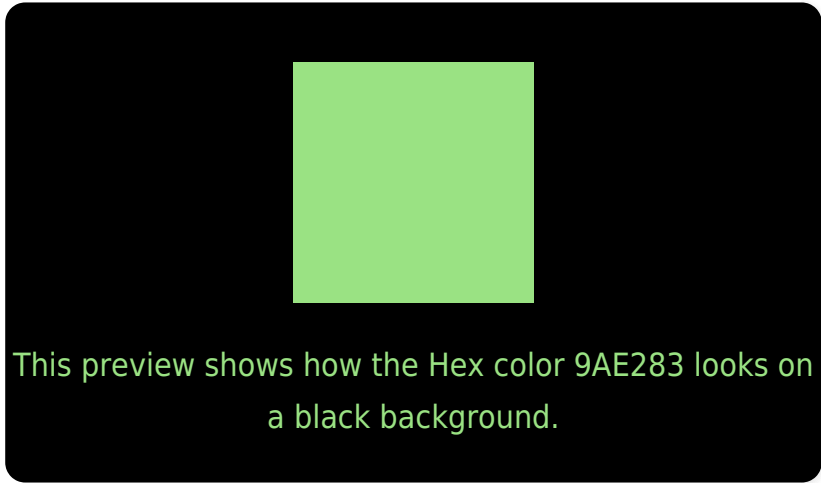
Large Text (above 18pt) WCAG AA × Fail

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

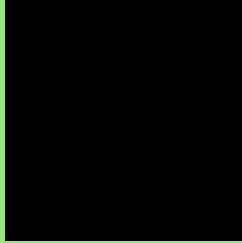
Any Text WCAG AA ✓ Pass

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 9AE283 Background



This preview shows how black text looks on a background with the Hex color 9AE283.

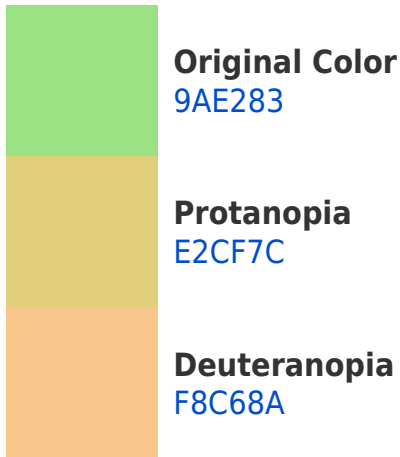


This preview shows how white text looks on a background with the Hex color 9AE283.

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
ABD6E7

Trichromacy



Original Color
9AE283



Protanomaly
C8D67F



Deuteranomaly
D6D087

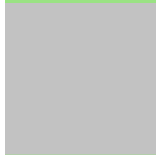


Tritanomaly
A5DAC3

Monochromacy



Original Color
9AE283



Achromatopsia
C2C2C2



Achromatomaly
B3CEAB

CSS Examples

Text

The CSS property to change the color of the text to Hex 9AE283 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 #9AE283 looks like.

```
.text, #text, p{  
    color:#9AE283  
}
```

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 #9AE283 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AE283  
}
```

Border

The CSS property to change the border of an element to Hex 9AE283 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  
#9AE283 }
```

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

```
.border{ border-color:#9AE283 }
```

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

Here you see how a box with a 4 pixel #9AE283 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AE283; -webkit-box-shadow:4px 4px  
4px 4px #9AE283; box-shadow:4px 4px 4px  
4px #9AE283 }
```

Background

The CSS property to change the background color of an element to Hex 9AE283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AE283 }
```

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

```
.background{ background-color:#9AE283 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor