

Converting Colors

Hex(9AE083)

Have a look what the booklet for
Hex(9AE083) contains.

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Color

Hex(9AE083)

Conversions

Conversions Part 1

Format	Color
Hex	9AE083
RGB	154, 224, 131
RGB Percent	60%, 88%, 51%
CMY	0.3961, 0.1216, 0.4863
CMYK	0.31, 0.00, 0.42, 0.12
HSL	105°, 60%, 70%
HSV	105°, 42%, 88%
XYZ	44.0788, 61.8200, 31.0820
YIQ	192.4680, -11.8670, -43.7630

Conversions

Conversions Part 2

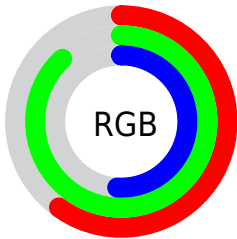
Format	Color
RYB	131, 224, 201
Decimal	10150019
CIELab	82.82, -38.92, 38.69
CIELCh	83, 54.875, 135.170
Yxy	61.8200, 0.3218, 0.4513
Android (android.graphics.Color)	4288340099 (0xFF9AE083)
YUV	192.4680, -30.3037, -33.7364
Hunter-Lab	78.6257, -37.5251, 31.5997

Details

The Hex color **9AE083** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **C983E0**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **D3FFB9**, and **64A850** is the 20% darker color. If you saturate the color by 10%, you get **89E06D**, and if you desaturate by 10%, it is **ABE099**.

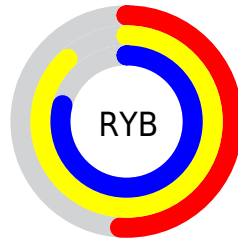
Distribution



Red (60%)

Green (88%)

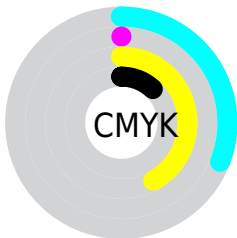
Blue (51%)



Red (51%)

Yellow (88%)

Blue (79%)

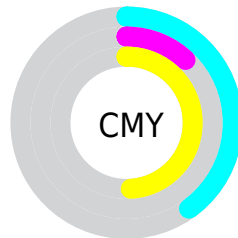


Cyan (31%)

Magenta (0%)

Yellow (42%)

Black (12%)



Cyan (40%)

Magenta (12%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AE083 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 9AE083 by changing the saturation by 10% instead.

 9AE083

 9AE083

FFFFFF

 7FC469

 D3FFB9

 64A850

 F0FFD5

 498E37

 FFFFF2

 2D741E

 0B5A02

 004200

 002C00

 001200

 000000

 9AE083

 9AE083

 89E06D

 ABE099

 78E056

 BCE0B0

 67E040

 CDE0C6

 57E029

 DDE0DD

 46E013

 EEE0F3

 37E000

 FFE0FF

Harmonies

Analogous

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



D4D467



9AE083



4AE7B2

Triad

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



9AE083



20DBFF



FFA4B6

Complementary

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



9AE083



C983E0

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.



FFA7EA



9AE083



A9CAFF

Square

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



9AE083



00E5FF



F4B7FF



FFB087

Rectangle

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



9AE083



00E9D6



F4B7FF



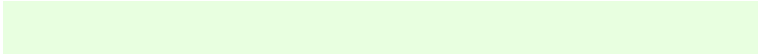
FFA3C7

Sweetspot

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



9AE083



E8FFE0



E0C983



72806E



000000



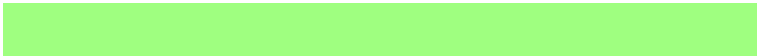
808080

Same Dimension

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



9AE083



9FFF80



83E09A



687065



2CB000



0C3000

Inverse Universe

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



C983E0



DF80FF



E083C9



6D6570



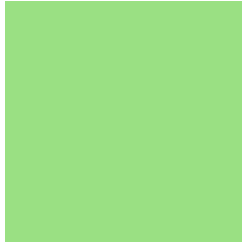
8400B0



240030

Previews

White Background



This preview shows how the Hex color 9AE083 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 9AE083 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 9AE083 Background



This preview shows how black text looks on a background with the Hex color 9AE083.

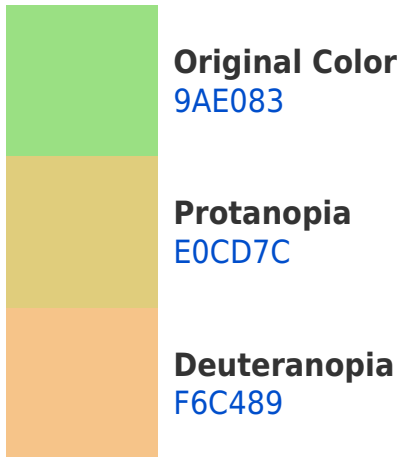


This preview shows how white text looks on a background with the Hex color 9AE083.

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](#).

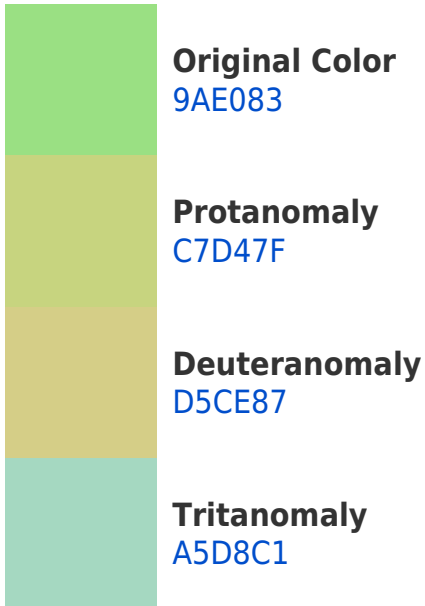
Dichromacy



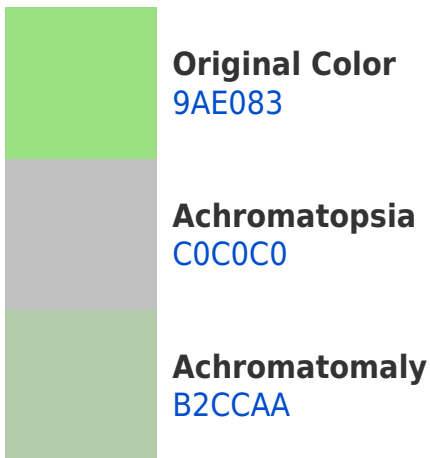


Tritanopia
ABD4E5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9AE083 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 #9AE083 looks like.

```
.text, #text, p{  
    color:#9AE083  
}
```

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 #9AE083 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AE083
}
```

Border

The CSS property to change the border of an element to Hex 9AE083 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
#9AE083 }
```

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

```
.border{ border-color:#9AE083 }
```

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

Here you see how a box with a 4 pixel #9AE083 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AE083; -webkit-box-shadow:4px 4px  
4px 4px #9AE083; box-shadow:4px 4px 4px  
4px #9AE083 }
```

Background

The CSS property to change the background color of an element to Hex 9AE083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AE083 }
```

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

```
.background{ background-color:#9AE083 }
```

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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