

Converting Colors

Hex(9DE0AF)

Have a look what the booklet for
Hex(9DE0AF) contains.

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Color

Hex(9DE0AF)

Conversions

Conversions Part 1

Format	Color
Hex	9DE0AF
RGB	157, 224, 175
RGB Percent	62%, 88%, 69%
CMY	0.3843, 0.1216, 0.3137
CMYK	0.30, 0.00, 0.22, 0.12
HSL	136°, 52%, 75%
HSV	136°, 30%, 88%
XYZ	48.2981, 63.5746, 50.2830
YIQ	198.3810, -24.2030, -29.4430

Conversions

Conversions Part 2

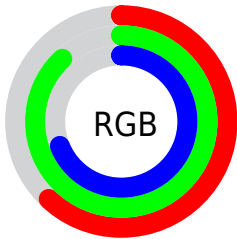
Format	Color
RYB	157, 210, 224
Decimal	10346671
CIELab	83.74, -30.94, 17.38
CIELCh	84, 35.484, 150.670
Yxy	63.5746, 0.2979, 0.3921
Android (android.graphics.Color)	4288536751 (0xFF9DE0AF)
YUV	198.3810, -11.5268, -36.2911
Hunter-Lab	79.7337, -31.4087, 18.4231

Details

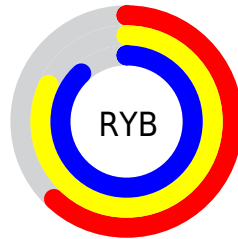
The Hex color **9DE0AF** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **E09DCE**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **D5FFE7**, and **68A87A** is the 20% darker color. If you saturate the color by 10%, you get **87E09F**, and if you desaturate by 10%, it is **B3E0BF**.

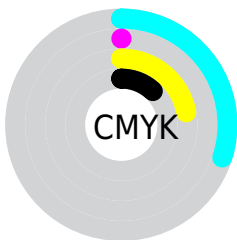
Distribution



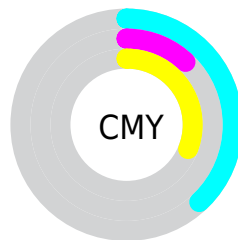
- Red (62%)
- Green (88%)
- Blue (69%)



- Red (62%)
- Yellow (82%)
- Blue (88%)



- Cyan (30%)
- Magenta (0%)
- Yellow (22%)
- Black (12%)



- Cyan (38%)
- Magenta (12%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DE0AF 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 9DE0AF by changing the saturation by 10% instead.

 9DE0AF

 9DE0AF

FFFFFF

 82C494

 D5FFE7

 68A87A

 F2FFFF

 4E8E61

 347449

 185B33

 00431D

 002C05

 001600

 000000

 9DE0AF

 9DE0AF

 87E09F

 B3E0BF

 70E08E

 CAE0D0

 5AE07E

 E0E0E0

 43E06D

 F7E0F1

 2DE05D

 FFE0FF

 17E04D

 00E03C

Harmonies

Analogous

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



C4D996



9DE0AF



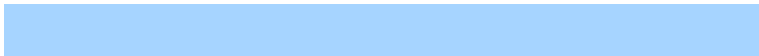
78E3D0

Triad

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



9DE0AF



A6D4FF



FFBAB0

Complementary

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



9DE0AF



E09DCE

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.



FFB8D1



9DE0AF



D6C8FF

Square

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



9DE0AF



77DDFF



FCBDF2



FFC498

Rectangle

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



9DE0AF



67E3E7



FCBDF2



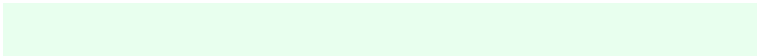
FFB9BB

Sweetspot

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



9DE0AF



E8FFEE



CEE09D



718075



000000



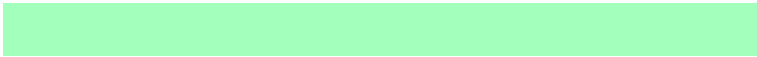
808080

Same Dimension

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



9DE0AF



A3FFBC



9DE0D0



657068



00B02F



00300D

Inverse Universe

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



E09DCE



FFA3E6



E09DAD



70656D



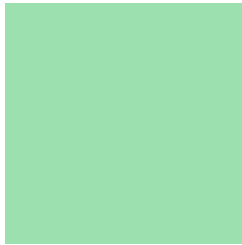
B00081



300023

Previews

White Background



This preview shows how the Hex color 9DE0AF 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 9DE0AF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

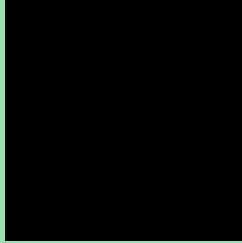
Any Text WCAG AA ✓ Pass

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 9DE0AF Background



This preview shows how black text looks on a background with the Hex color 9DE0AF.

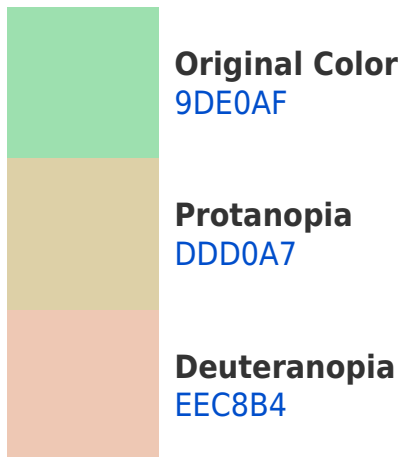


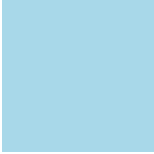
This preview shows how white text looks on a background with the Hex color 9DE0AF.

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



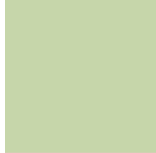


Tritanopia
A8D8E9

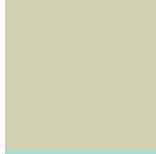
Trichromacy



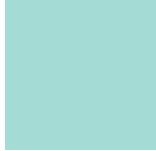
Original Color
9DE0AF



Protanomaly
C6D6AA



Deuteranomaly
D1D1B2

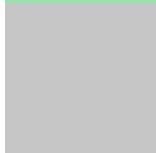


Tritanomaly
A4DBD4

Monochromacy



Original Color
9DE0AF



Achromatopsia
C6C6C6



Achromatomaly
B7CFBE

CSS Examples

Text

The CSS property to change the color of the text to Hex 9DE0AF 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 #9DE0AF looks like.

```
.text, #text, p{  
    color:#9DE0AF  
}
```

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 #9DE0AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DE0AF
}
```

Border

The CSS property to change the border of an element to Hex 9DE0AF 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
#9DE0AF }
```

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

```
.border{ border-color:#9DE0AF }
```

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

Here you see how a box with a 4 pixel #9DE0AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DE0AF; -webkit-box-shadow:4px 4px  
4px 4px #9DE0AF; box-shadow:4px 4px 4px  
4px #9DE0AF }
```

Background

The CSS property to change the background color of an element to Hex 9DE0AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DE0AF }
```

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

```
.background{ background-color:#9DE0AF }
```

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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