

Converting Colors

Hex(9DE1AA)

Have a look what the booklet for
Hex(9DE1AA) contains.

Hex(9DE1AA)	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(9DE1AA)

Conversions

Conversions Part 1

Format	Color
Hex	9DE1AA
RGB	157, 225, 170
RGB Percent	62%, 88%, 67%
CMY	0.3843, 0.1176, 0.3333
CMYK	0.30, 0.00, 0.24, 0.12
HSL	131°, 53%, 75%
HSV	131°, 30%, 88%
XYZ	48.0855, 63.9208, 47.8338
YIQ	198.3980, -22.8730, -31.5210

Conversions

Conversions Part 2

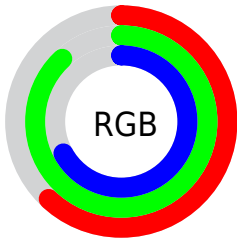
Format	Color
RYB	157, 214, 225
Decimal	10346922
CIELab	83.92, -32.30, 20.24
CIElCh	84, 38.121, 147.922
Yxy	63.9208, 0.3008, 0.3999
Android (android.graphics.Color)	4288537002 (0xFF9DE1AA)
YUV	198.3980, -14.0002, -36.3060
Hunter-Lab	79.9505, -32.5560, 20.4926

Details

The Hex color **9DE1AA** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **E19DD4**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **D5FFE1**, and **67A976** is the 20% darker color. If you saturate the color by 10%, you get **87E198**, and if you desaturate by 10%, it is **B4E1BC**.

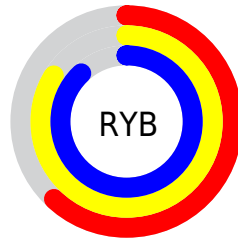
Distribution



Red (62%)

Green (88%)

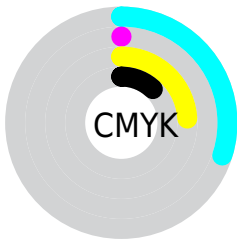
Blue (67%)



Red (62%)

Yellow (84%)

Blue (88%)

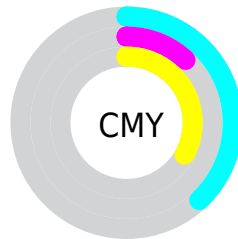


Cyan (30%)

Magenta (0%)

Yellow (24%)

Black (12%)



Cyan (38%)

Magenta (12%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DE1AA 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 9DE1AA by changing the saturation by 10% instead.

 9DE1AA

 9DE1AA

FFFFFF

 82C58F

 D5FFE1

 67A976

 F2FFFE

 4D8F5D

 337545

 175C2E

 004418

 002D00

 001600

 000000

 9DE1AA

 9DE1AA

 87E198

 B4E1BC

 70E186

 CAE1CE

 5AE173

 E1E1E1

 43E161

 F7E1F3

 2DE14F

 FFE1FF

 16E13D

 00E12B

Harmonies

Analogous

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



C7D991



9DE1AA



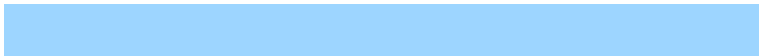
73E5CD

Triad

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



9DE1AA



9DD5FF



FFB8B1

Complementary

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



9DE1AA



E19DD4

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.



FFB6D5



9DE1AA



D3C9FF

Square

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



9DE1AA



69DFFF



FDBDF8



FFC296

Rectangle

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



9DE1AA



5CE5E6



FDBDF8



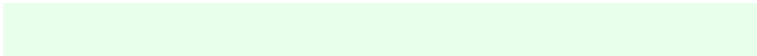
FFB7BD

Sweetspot

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



9DE1AA



E8FFEC



D5E19D



718074



000000



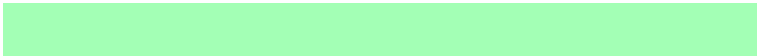
808080

Same Dimension

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



9DE1AA



A3FFB5



9DE1CB



657067



00B022



003009

Inverse Universe

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



E19DD4



FFA3ED



E19DB3



70656E



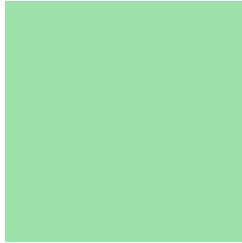
B0008E



300027

Previews

White Background



This preview shows how the Hex color 9DE1AA looks on a white background.

Color Contrast Check

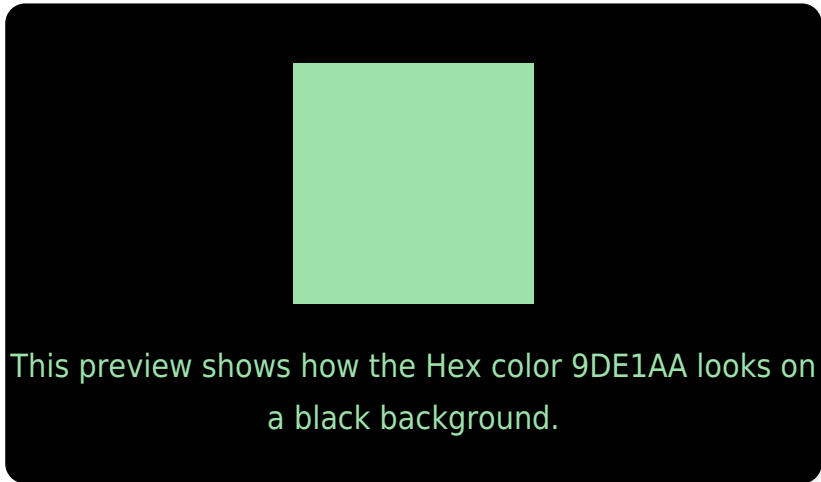
Large Text (above 18pt) WCAG AA × Fail

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 9DE1AA Background



This preview shows how black text looks on a background with the Hex color 9DE1AA.

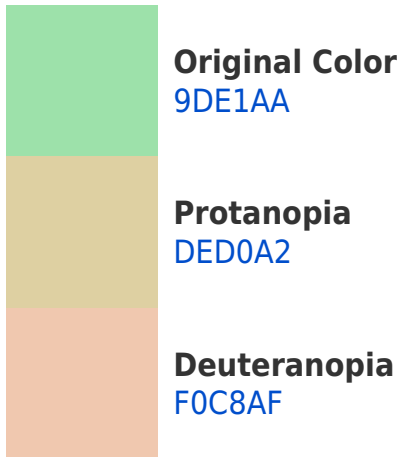


This preview shows how white text looks on a background with the Hex color 9DE1AA.

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



Original Color
9DE1AA



Protanomaly
C6D6A5



Deuteranomaly
D2D1AD



Tritanomaly
A5DCD3

Monochromacy



Original Color
9DE1AA



Achromatopsia
C6C6C6



Achromatomaly
B7D0BC

CSS Examples

Text

The CSS property to change the color of the text to Hex 9DE1AA 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 #9DE1AA looks like.

```
.text, #text, p{  
    color:#9DE1AA  
}
```

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 #9DE1AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DE1AA
}
```

Border

The CSS property to change the border of an element to Hex 9DE1AA 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
#9DE1AA }
```

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

```
.border{ border-color:#9DE1AA }
```

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

Here you see how a box with a 4 pixel #9DE1AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DE1AA; -webkit-box-shadow:4px 4px  
4px 4px #9DE1AA; box-shadow:4px 4px 4px  
4px #9DE1AA }
```

Background

The CSS property to change the background color of an element to Hex 9DE1AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DE1AA }
```

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

```
.background{ background-color:#9DE1AA }
```

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