

Converting Colors

Hex(9AE8CD)

Have a look what the booklet for
Hex(9AE8CD) contains.

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Color

Hex(9AE8CD)

Conversions

Conversions Part 1

Format	Color
Hex	9AE8CD
RGB	154, 232, 205
RGB Percent	60%, 91%, 80%
CMY	0.3961, 0.0902, 0.1961
CMYK	0.34, 0.00, 0.12, 0.09
HSL	159°, 63%, 76%
HSV	159°, 34%, 91%
XYZ	53.2025, 68.9910, 68.2701
YIQ	205.6000, -37.8210, -24.9330

Conversions

Conversions Part 2

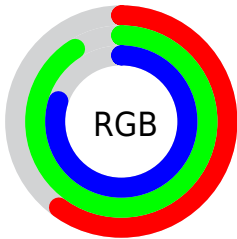
Format	Color
RYB	154, 201, 232
Decimal	10152141
CIELab	86.50, -29.74, 5.54
CIELCh	86, 30.254, 169.442
Yxy	68.9910, 0.2793, 0.3622
Android (android.graphics.Color)	4288342221 (0xFF9AE8CD)
YUV	205.6000, -0.2958, -45.2532
Hunter-Lab	83.0608, -31.0229, 9.4104

Details

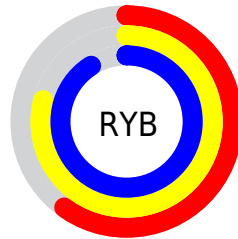
The Hex color **9AE8CD** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E89AB5**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **D2FFFF**, and **64B097** is the 20% darker color. If you saturate the color by 10%, you get **83E8C5**, and if you desaturate by 10%, it is **B1E8D5**.

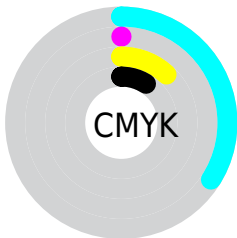
Distribution



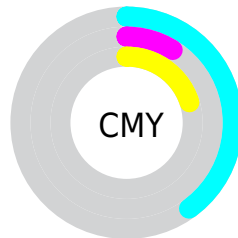
- Red (60%)
- Green (91%)
- Blue (80%)



- Red (60%)
- Yellow (79%)
- Blue (91%)



- Cyan (34%)
- Magenta (0%)
- Yellow (12%)
- Black (9%)



- Cyan (40%)
- Magenta (9%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AE8CD 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 9AE8CD by changing the saturation by 10% instead.

 9AE8CD

FFFFFF

 D2FFFF

 F0FFFF

 9AE8CD

 7FCCB2

 64B097

 49957D

 2D7B64

 0A624C

 004935

 003220

 001F09

 000000

 9AE8CD

 9AE8CD

 83E8C5

 B1E8D5

 6CE8BD

 C8E8DD

 54E8B5

 E0E8E5

 3DE8AD

 F7E8ED

 26E8A5

 FFE8F5

 0FE89D

 FFE8FD

 00E898

 FFE8FF

Harmonies

Analogous

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



B9E4B2



9AE8CD



86E9EB

Triad

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



9AE8CD



CFD5FF



FFCAAE

Complementary

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



9AE8CD



E89AB5

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.



FFC4C7



9AE8CD



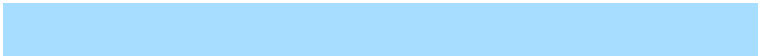
F3CBFE

Square

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



9AE8CD



A7DEFF



FFC5E4



F7D3A1

Rectangle

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



9AE8CD



85E7FC



FFC5E4



FFC8B5

Sweetspot

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



9AE8CD



E6FFF6



B5E89A



70807A



000000



808080

Same Dimension

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



9AE8CD



99FFDC



9ADCE8



67736F



00B375



003321

Inverse Universe

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



E89AB5



FF99BC



E8A69A



73676B



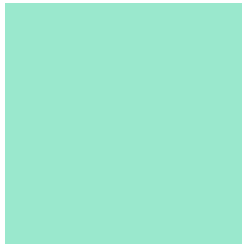
B3003E



330012

Previews

White Background



This preview shows how the Hex color 9AE8CD looks on a white background.

Color Contrast Check

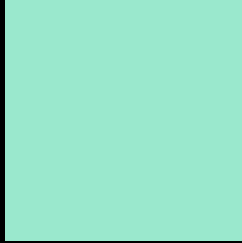
Large Text (above 18pt) WCAG AA × Fail

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 9AE8CD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

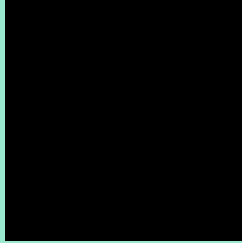
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

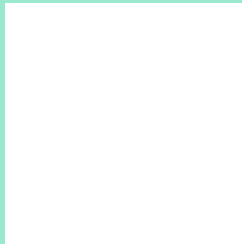
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 9AE8CD Background



This preview shows how black text looks on a background with the Hex color 9AE8CD.



This preview shows how white text looks on a background with the Hex color 9AE8CD.

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
A3E2F4

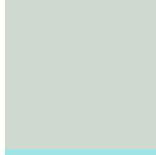
Trichromacy



Original Color
9AE8CD



Protanomaly
C7DDC7



Deuteranomaly
CFD9D0

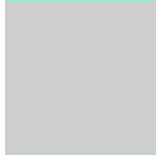


Tritanomaly
A0E4E6

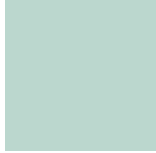
Monochromacy



Original Color
9AE8CD



Achromatopsia
CECECE



Achromatomaly
BBD7CE

CSS Examples

Text

The CSS property to change the color of the text to Hex 9AE8CD 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 #9AE8CD looks like.

```
.text, #text, p{  
    color:#9AE8CD  
}
```

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 #9AE8CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AE8CD
}
```

Border

The CSS property to change the border of an element to Hex 9AE8CD 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
#9AE8CD }
```

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

```
.border{ border-color:#9AE8CD }
```

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

Here you see how a box with a 4 pixel #9AE8CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AE8CD; -webkit-box-shadow:4px 4px  
4px 4px #9AE8CD; box-shadow:4px 4px 4px  
4px #9AE8CD }
```

Background

The CSS property to change the background color of an element to Hex 9AE8CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AE8CD }
```

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

```
.background{ background-color:#9AE8CD }
```

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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