

# Converting Colors

Hex(9AE2CB)

Have a look what the booklet for  
Hex(9AE2CB) contains.

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# **Color**

**Hex(9AE2CB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9AE2CB
RGB	154, 226, 203
RGB Percent	60%, 89%, 80%
CMY	0.3961, 0.1137, 0.2039
CMYK	0.32, 0.00, 0.10, 0.11
HSL	161°, 55%, 75%
HSV	161°, 32%, 89%
XYZ	51.3023, 65.5745, 66.4531
YIQ	201.8500, -35.5290, -22.4170

# Conversions

## Conversions Part 2

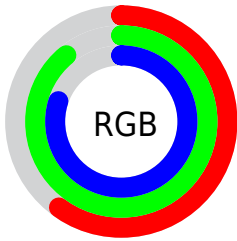
Format	Color
<a href="#">RYB</a>	<a href="#">154, 197, 226</a>
Decimal	<a href="#">10150603</a>
CIELab	<a href="#">84.78, -27.29, 4.11</a>
CIElCh	<a href="#">85, 27.598, 171.438</a>
Yxy	<a href="#">65.5745, 0.2798, 0.3577</a>
Android (android.graphics.Color)	<a href="#">4288340683</a> ( <a href="#">0xFF9AE2CB</a> )
YUV	<a href="#">201.8500, 0.5670, -41.9644</a>
Hunter-Lab	<a href="#">80.9781, -28.6261, 8.0295</a>

# Details

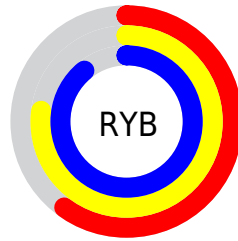
The Hex color **9AE2CB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E29AB1**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **D2FFFF**, and **64AA95** is the 20% darker color. If you saturate the color by 10%, you get **83E2C4**, and if you desaturate by 10%, it is **B1E2D2**.

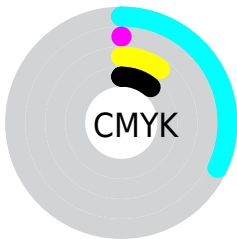
# Distribution



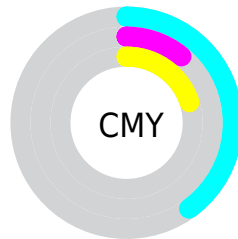
- Red (60%)
- Green (89%)
- Blue (80%)



- Red (60%)
- Yellow (77%)
- Blue (89%)



- Cyan (32%)
- Magenta (0%)
- Yellow (10%)
- Black (11%)



- Cyan (40%)
- Magenta (11%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9AE2CB 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 9AE2CB by changing the saturation by 10% instead.



 9AE2CB

FFFFFF

 D2FFFF

 EFFFFF

 9AE2CB

 7FC6B0

 64AA95

 4A907B

 2F7662

 0F5D4B

 004534

 002E1F

 001A07

 000000

 9AE2CB

 9AE2CB

 83E2C4

 B1E2D2

 6DE2BD

 C7E2D9

 56E2B5

 DEE2E1

 40E2AE

 F4E2E8

 29E2A7

 FFE2EF

 12E2A0

 FFE2F6

 00E29A

 FFE2FE

 FFE2FF

# Harmonies

## Analogous

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



B6DEB3



9AE2CB



8AE2E6

# Triad

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



9AE2CB



CED0FF



FFC7AC

# Complementary

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



9AE2CB



E29AB1

# 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.



FFC2C2



9AE2CB



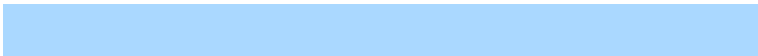
EEC7F4

# Square

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



9AE2CB



AAD8FF



FFC2DC



EECFA0

# Rectangle

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



9AE2CB



8BE0F5



FFC2DC



FFC5B2

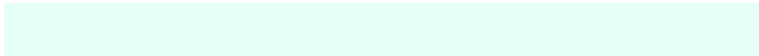


# Sweetspot

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



9AE2CB



E6FFF7



B2E29A



70807B



000000



808080

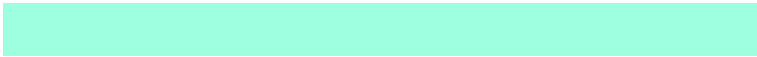


# Same Dimension

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



9AE2CB



9EFFE0



9AD6E2



65706D



00B078



003021



# Inverse Universe

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



E29AB1



FF9EBD



E2A69A



706569



B00038



30000F



# Previews

## White Background



This preview shows how the Hex color 9AE2CB looks on a white background.

## Color Contrast Check

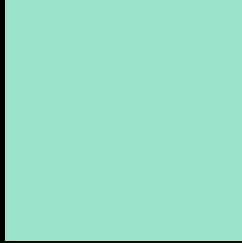
Large Text (above 18pt) WCAG AA × Fail

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 9AE2CB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

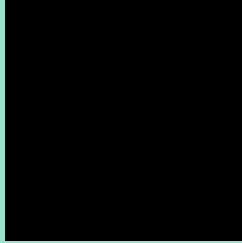
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

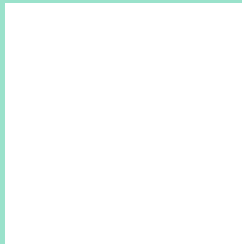
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9AE2CB Background



This preview shows how black text looks on a background with the Hex color 9AE2CB.

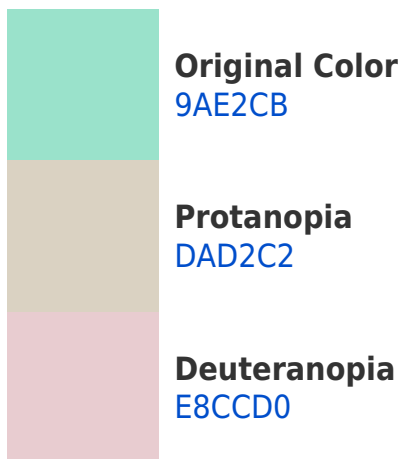


This preview shows how white text looks on a background with the Hex color 9AE2CB.

# 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**  
A2DDEF

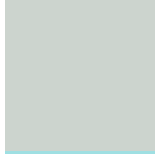
# Trichromacy



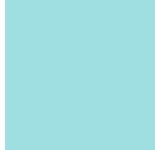
**Original Color**  
9AE2CB



**Protanomaly**  
C3D8C5



**Deuteranomaly**  
CCD4CE

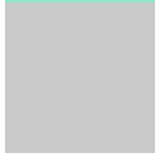


**Tritanomaly**  
9FDFE2

# Monochromacy



**Original Color**  
9AE2CB



**Achromatopsia**  
CACACA



**Achromatomaly**  
B9D3CA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9AE2CB 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 #9AE2CB looks like.

```
.text, #text, p{  
    color:#9AE2CB  
}
```

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 #9AE2CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AE2CB  
}
```

## Border

The CSS property to change the border of an element to Hex 9AE2CB 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  
#9AE2CB }
```

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

```
.border{ border-color:#9AE2CB }
```

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

Here you see how a box with a 4 pixel #9AE2CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AE2CB; -webkit-box-shadow:4px 4px  
4px 4px #9AE2CB; box-shadow:4px 4px 4px  
4px #9AE2CB }
```

# Background

The CSS property to change the background color of an element to Hex 9AE2CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AE2CB }
```

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

```
.background{ background-color:#9AE2CB }
```

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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