

Converting Colors

Hex(9AE5C7)

Have a look what the booklet for
Hex(9AE5C7) contains.

Hex(9AE5C7)	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(9AE5C7)

Conversions

Conversions Part 1

Format	Color
Hex	9AE5C7
RGB	154, 229, 199
RGB Percent	60%, 90%, 78%
CMY	0.3961, 0.1020, 0.2196
CMYK	0.33, 0.00, 0.13, 0.10
HSL	156°, 59%, 75%
HSV	156°, 33%, 90%
XYZ	51.6545, 67.0322, 64.2489
YIQ	203.1550, -35.0700, -25.2300

Conversions

Conversions Part 2

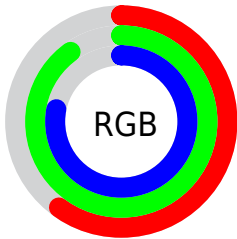
Format	Color
RYB	154, 201, 229
Decimal	10151367
CIELab	85.52, -29.56, 7.28
CIElCh	86, 30.440, 166.156
Yxy	67.0322, 0.2824, 0.3664
Android (android.graphics.Color)	4288341447 (0xFF9AE5C7)
YUV	203.1550, -2.0484, -43.1089
Hunter-Lab	81.8732, -30.6608, 10.7842

Details

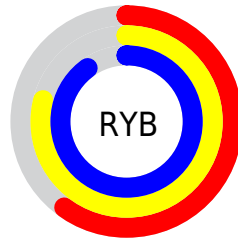
The Hex color **9AE5C7** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **E59AB8**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **D2FFFF**, and **64AD91** is the 20% darker color. If you saturate the color by 10%, you get **83E5BE**, and if you desaturate by 10%, it is **B1E5D0**.

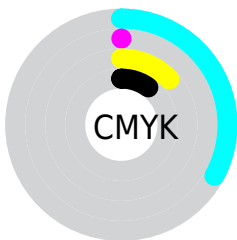
Distribution



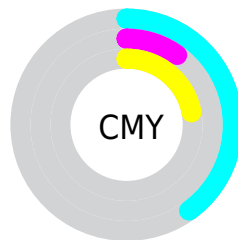
- Red (60%)
- Green (90%)
- Blue (78%)



- Red (60%)
- Yellow (79%)
- Blue (90%)



- Cyan (33%)
- Magenta (0%)
- Yellow (13%)
- Black (10%)



- Cyan (40%)
- Magenta (10%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AE5C7 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 9AE5C7 by changing the saturation by 10% instead.

 9AE5C7

FFFFFF

 D2FFFF

 EFFFFFF

 9AE5C7

 7FC9AC

 64AD91

 499277

 2E785F

 0E5F47

 004731

 00301C

 001C01

 000000

 9AE5C7

 9AE5C7

 83E5BE

 B1E5D0

 6CE5B5

 C8E5D9

 55E5AC


 DFE5E2

 3EE5A2

 F6E5EC

 28E599

 FFE5F5

 11E590

 FFE5FE

 00E589

 FFE5FF

Harmonies

Analogous

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



BAE0AD



9AE5C7



83E6E5

Triad

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



9AE5C7



C8D3FF



FFC6AD

Complementary

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



9AE5C7



E59AB8

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.



FFC1C7



9AE5C7



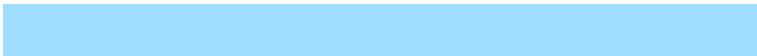
EDC9FE

Square

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



9AE5C7



A0DCFF



FFC2E4



F7CF9E

Rectangle

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



9AE5C7



81E4F7



FFC2E4



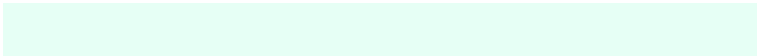
FFC4B5

Sweetspot

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



9AE5C7



E6FFF5



B8E59A



708079



000000



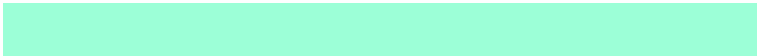
808080

Same Dimension

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



9AE5C7



9CFFD7



9ADDE5



67736E



00B36B



00331F

Inverse Universe

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



E59AB8



FF9CC3



E5A29A



73676C



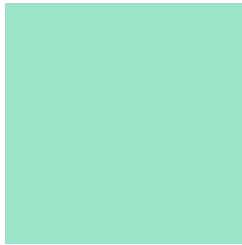
B30047



330014

Previews

White Background



This preview shows how the Hex color 9AE5C7 looks on a white background.

Color Contrast Check

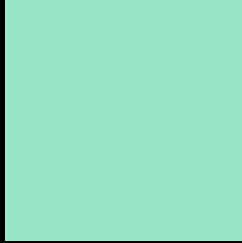
Large Text (above 18pt) WCAG AA × Fail

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 9AE5C7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

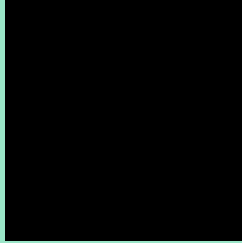
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

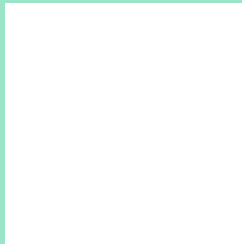
Any Text WCAG AAA ✓ Pass

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

Hex 9AE5C7 Background



This preview shows how black text looks on a background with the Hex color 9AE5C7.

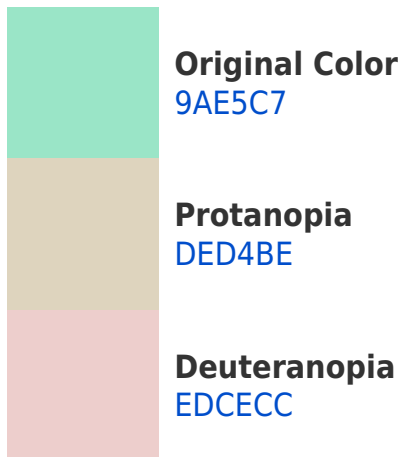


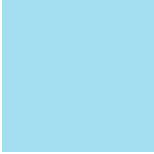
This preview shows how white text looks on a background with the Hex color 9AE5C7.

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](#).

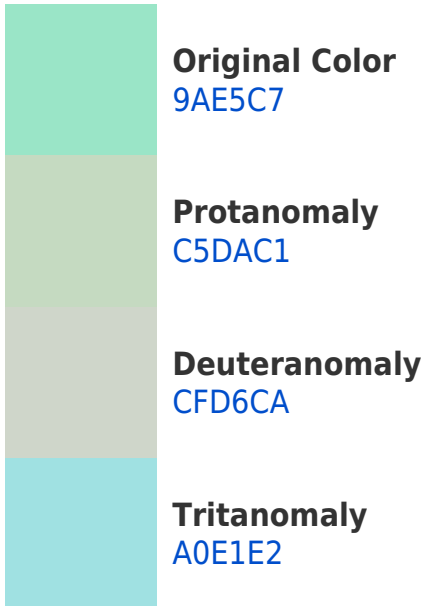
Dichromacy



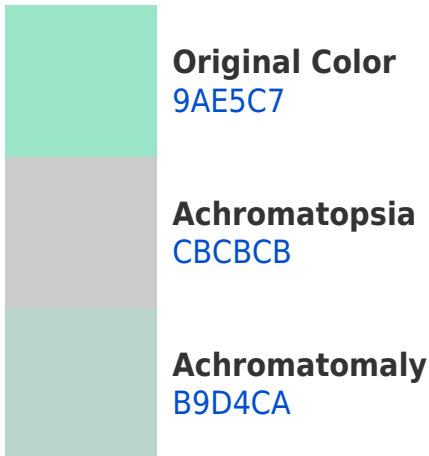


Tritanopia
A3DFF1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9AE5C7 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 #9AE5C7 looks like.

```
.text, #text, p{  
    color:#9AE5C7  
}
```

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 #9AE5C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AE5C7
}
```

Border

The CSS property to change the border of an element to Hex 9AE5C7 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
#9AE5C7 }
```

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

```
.border{ border-color:#9AE5C7 }
```

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

Here you see how a box with a 4 pixel #9AE5C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AE5C7; -webkit-box-shadow:4px 4px  
4px 4px #9AE5C7; box-shadow:4px 4px 4px  
4px #9AE5C7 }
```

Background

The CSS property to change the background color of an element to Hex 9AE5C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AE5C7 }
```

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

```
.background{ background-color:#9AE5C7 }
```

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