

Converting Colors

Hex(9AE4E7)

Have a look what the booklet for
Hex(9AE4E7) contains.

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Color

Hex(9AE4E7)

Conversions

Conversions Part 1

Format	Color
Hex	9AE4E7
RGB	154, 228, 231
RGB Percent	60%, 89%, 91%
CMY	0.3961, 0.1059, 0.0941
CMYK	0.33, 0.01, 0.00, 0.09
HSL	182°, 62%, 75%
HSV	182°, 33%, 91%
XYZ	55.4936, 68.1264, 85.8262
YIQ	206.2160, -45.0670, -14.7550

Conversions

Conversions Part 2

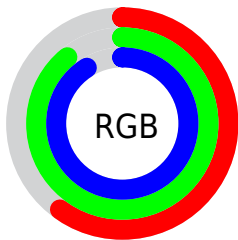
Format	Color
RYB	154, 192, 231
Decimal	10151143
CIELab	86.07, -22.06, -8.77
CIElCh	86, 23.735, 201.678
Yxy	68.1264, 0.2650, 0.3253
Android (android.graphics.Color)	4288341223 (0xFF9AE4E7)
YUV	206.2160, 12.2185, -45.7934
Hunter-Lab	82.5387, -24.4309, -3.8744

Details

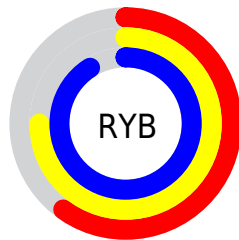
The Hex color **9AE4E7** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E79D9A**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **D3FFFF**, and **63ACAF** is the 20% darker color. If you saturate the color by 10%, you get **83E3E7**, and if you desaturate by 10%, it is **B1E5E7**.

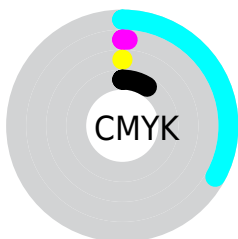
Distribution



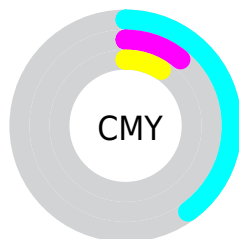
- Red (60%)
- Green (89%)
- Blue (91%)



- Red (60%)
- Yellow (75%)
- Blue (91%)



- Cyan (33%)
- Magenta (1%)
- Yellow (0%)
- Black (9%)



- Cyan (40%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AE4E7 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 9AE4E7 by changing the saturation by 10% instead.

 9AE4E7

 9AE4E7

FFFFFF

 7EC8CB


 D3FFFF

 63ACAF

 F0FFFF

 479295

 2B787B

 015F62

 00474A

 003034

 001D1F

 000005

 9AE4E7

 9AE4E7

 83E3E7

 B1E5E7

 6CE2E7

 C8E6E7

 55E1E7

 DFE7E7

 3EE0E7

 F6E8E7

 26E0E7

 FFE8E7

 0FDFE7

 FFE9E7

 00DEE7

 FFEAE7

 FFEBE7

 FFECE7

Harmonies

Analogous

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



A7E4D0



9AE4E7



9FE1FA

Triad

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



9AE4E7



EECCF3



EFD4AB

Complementary

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



9AE4E7



E79D9A

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.



FFCDB5



9AE4E7



FFC8DE

Square

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



9AE4E7



D3D4FF



FFC8C8



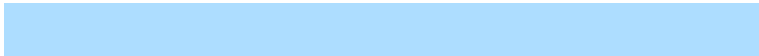
D7DBAD

Rectangle

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



9AE4E7



ADDDFE



FFC8C8



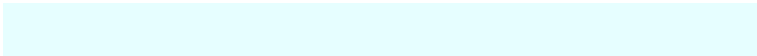
F5D1AD

Sweetspot

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



9AE4E7



E6FEFF



9AE79D



707F80



000000



808080

Same Dimension

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



9AE4E7



99FBFF



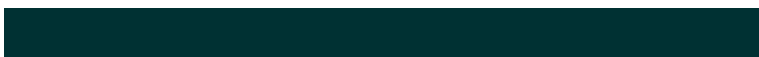
9ABEE7



677273



00ACB3



003133

Inverse Universe

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



E79AE4



FF99FB



E7C39A



736772



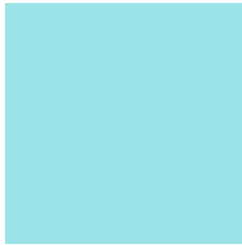
B300AC



330031

Previews

White Background



This preview shows how the Hex color 9AE4E7 looks on a white background.

Color Contrast Check

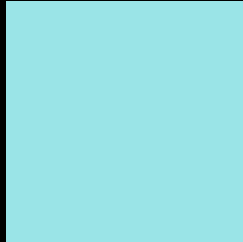
Large Text (above 18pt) WCAG AA × Fail

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 9AE4E7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

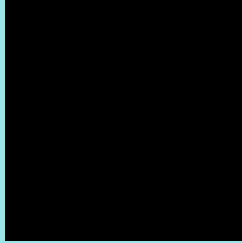
Any Text WCAG AA ✓ Pass

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 9AE4E7 Background



This preview shows how black text looks on a background with the Hex color 9AE4E7.

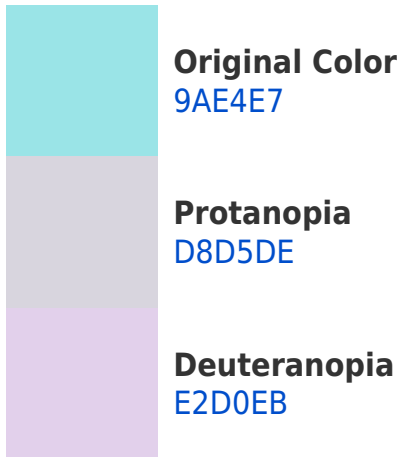


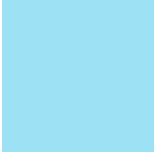
This preview shows how white text looks on a background with the Hex color 9AE4E7.

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



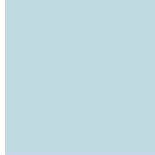


Tritanopia
9DE2F4

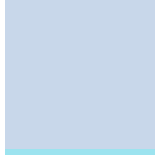
Trichromacy



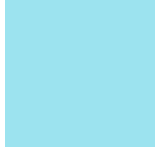
Original Color
9AE4E7



Protanomaly
C1DAE1



Deuteranomaly
C8D7EA

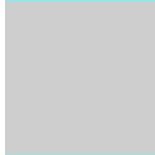


Tritanomaly
9CE3EF

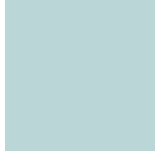
Monochromacy



Original Color
9AE4E7



Achromatopsia
CECECE



Achromatomaly
BBD6D7

CSS Examples

Text

The CSS property to change the color of the text to Hex 9AE4E7 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 #9AE4E7 looks like.

```
.text, #text, p{  
    color:#9AE4E7  
}
```

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 #9AE4E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AE4E7
}
```

Border

The CSS property to change the border of an element to Hex 9AE4E7 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
#9AE4E7 }
```

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

```
.border{ border-color:#9AE4E7 }
```

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

Here you see how a box with a 4 pixel #9AE4E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AE4E7; -webkit-box-shadow:4px 4px  
4px 4px #9AE4E7; box-shadow:4px 4px 4px  
4px #9AE4E7 }
```

Background

The CSS property to change the background color of an element to Hex 9AE4E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AE4E7 }
```

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

```
.background{ background-color:#9AE4E7 }
```

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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