

Converting Colors

Hex(9AE4EB)

Have a look what the booklet for
Hex(9AE4EB) contains.

Hex(9AE4EB)	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(9AE4EB)

Conversions

Conversions Part 1

Format	Color
Hex	9AE4EB
RGB	154, 228, 235
RGB Percent	60%, 89%, 92%
CMY	0.3961, 0.1059, 0.0784
CMYK	0.34, 0.03, 0.00, 0.08
HSL	185°, 67%, 76%
HSV	185°, 34%, 92%
XYZ	56.0652, 68.3550, 88.8361
YIQ	206.6720, -46.3510, -13.5110

Conversions

Conversions Part 2

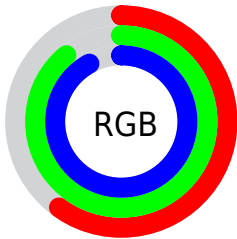
Format	Color
RYB	154, 193, 235
Decimal	10151147
CIELab	86.18, -21.12, -10.71
CIELCh	86, 23.676, 206.883
Yxy	68.3550, 0.2629, 0.3205
Android (android.graphics.Color)	4288341227 (0xFF9AE4EB)
YUV	206.6720, 13.9657, -46.1933
Hunter-Lab	82.6771, -23.6399, -5.8329

Details

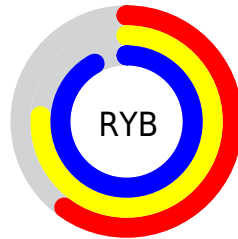
The Hex color **9AE4EB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **EBA19A**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **D3FFFF**, and **63ACB3** is the 20% darker color. If you saturate the color by 10%, you get **83E2EB**, and if you desaturate by 10%, it is **B2E6EB**.

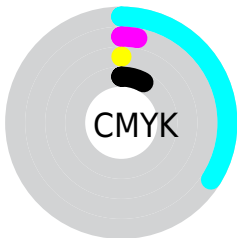
Distribution



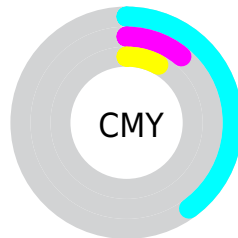
- Red (60%)
- Green (89%)
- Blue (92%)



- Red (60%)
- Yellow (76%)
- Blue (92%)



- Cyan (34%)
- Magenta (3%)
- Yellow (0%)
- Black (8%)



- Cyan (40%)
- Magenta (11%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AE4EB 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 9AE4EB by changing the saturation by 10% instead.

 9AE4EB

 9AE4EB

FFFFFF

 7EC8CF

 D3FFFF

 63ACB3

 F0FFFF

 479299

 2A787F

 005F66

 00474E

 003037

 001D21

 00000A

 9AE4EB

 9AE4EB

 83E2EB

 B2E6EB

 6BE0EB

 C9E8EB

 54DEEB

 E1EAEB

 3CDCEB

 F8ECEB

 25DAEB

 FFEEEB

 0DD8EB

 FFF0EB

 00D7EB

 FFF2EB

 FFF4EB

 FFF6EB

Harmonies

Analogous

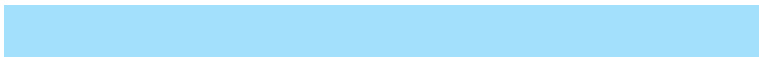
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A4E4D4



9AE4EB



A2E0FC

Triad

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



9AE4EB



F3CCF0



EBD5AB

Complementary

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



9AE4EB



EBA19A

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.



FDCEB3



9AE4EB



FFC8DB

Square

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



9AE4EB



D9D3FF



FFC9C4



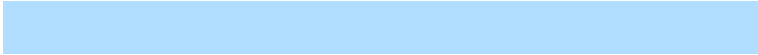
D3DCAF

Rectangle

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



9AE4EB



B1DDFF



FFC9C4



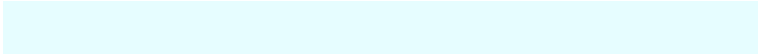
F2D3AC

Sweetspot

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



9AE4EB



E6DFF



9AEBA1



707E80



000000



808080

Same Dimension

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



9AE4EB



96F6FF



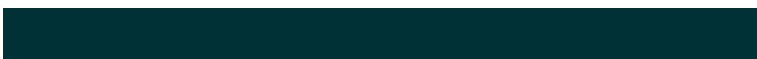
9ABCEB



6A7475



00A5B5



003136

Inverse Universe

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



EB9AE4



FF96F6



EBC99A



756A74



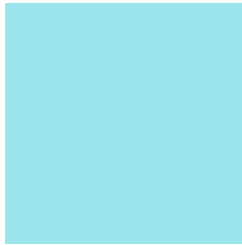
B500A5



360031

Previews

White Background



This preview shows how the Hex color 9AE4EB looks on a white background.

Color Contrast Check

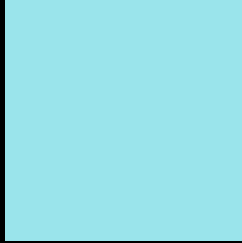
Large Text (above 18pt) WCAG AA × Fail

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 9AE4EB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

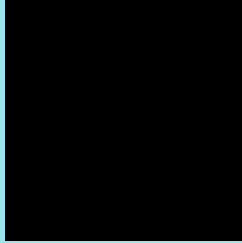
Any Text WCAG AA ✓ Pass

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 9AE4EB Background



This preview shows how black text looks on a background with the Hex color 9AE4EB.

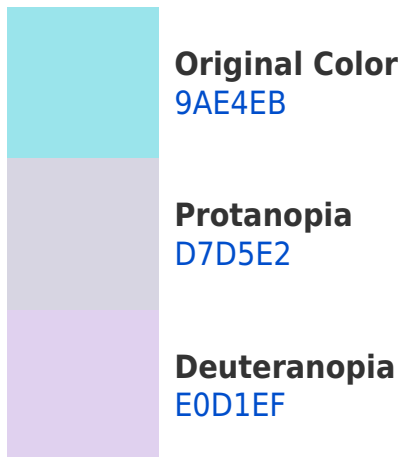


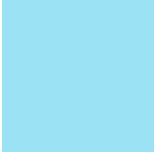
This preview shows how white text looks on a background with the Hex color 9AE4EB.

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](#).

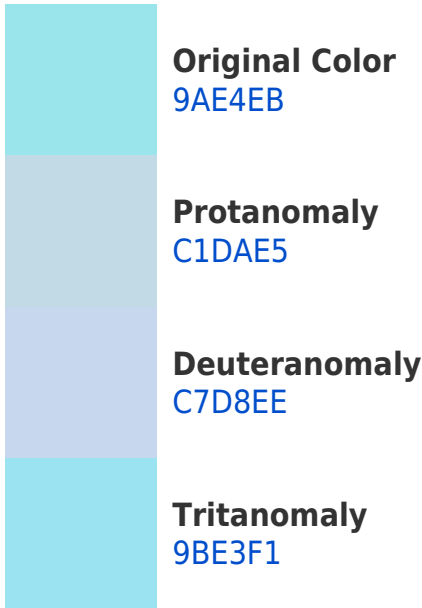
Dichromacy



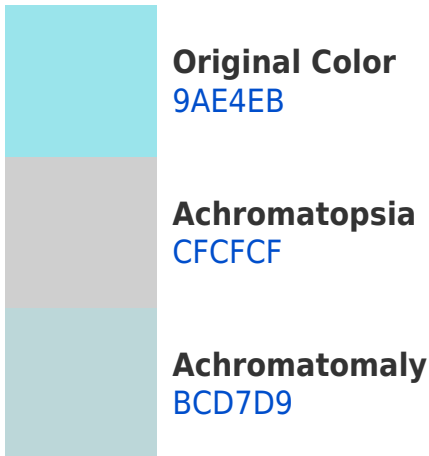


Tritanopia
9CE2F5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9AE4EB 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 #9AE4EB looks like.

```
.text, #text, p{  
    color:#9AE4EB  
}
```

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 #9AE4EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AE4EB
}
```

Border

The CSS property to change the border of an element to Hex 9AE4EB 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
#9AE4EB }
```

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

```
.border{ border-color:#9AE4EB }
```

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

Here you see how a box with a 4 pixel #9AE4EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AE4EB; -webkit-box-shadow:4px 4px  
4px 4px #9AE4EB; box-shadow:4px 4px 4px  
4px #9AE4EB }
```

Background

The CSS property to change the background color of an element to Hex 9AE4EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AE4EB }
```

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

```
.background{ background-color:#9AE4EB }
```

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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