

Converting Colors

Hex(9AE2ED)

Have a look what the booklet for
Hex(9AE2ED) contains.

Hex(9AE2ED)	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(9AE2ED)

Conversions

Conversions Part 1

Format	Color
Hex	9AE2ED
RGB	154, 226, 237
RGB Percent	60%, 89%, 93%
CMY	0.3961, 0.1137, 0.0706
CMYK	0.35, 0.05, 0.00, 0.07
HSL	188°, 70%, 77%
HSV	188°, 35%, 93%
XYZ	55.8088, 67.3772, 90.1844
YIQ	205.7260, -46.4430, -11.8430

Conversions

Conversions Part 2

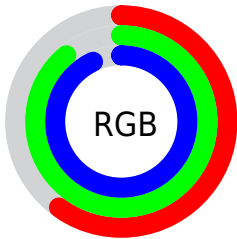
Format	Color
RYB	154, 193, 237
Decimal	10150637
CIELab	85.69, -19.65, -12.49
CIELCh	86, 23.282, 212.446
Yxy	67.3772, 0.2616, 0.3158
Android (android.graphics.Color)	4288340717 (0xFF9AE2ED)
YUV	205.7260, 15.4181, -45.3637
Hunter-Lab	82.0836, -22.2837, -7.6828

Details

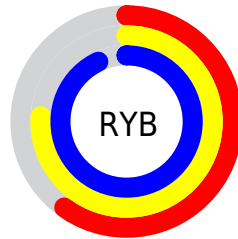
The Hex color **9AE2ED** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **EDA59A**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **D3FFFF**, and **63ABB5** is the 20% darker color. If you saturate the color by 10%, you get **82DFED**, and if you desaturate by 10%, it is **B2E5ED**.

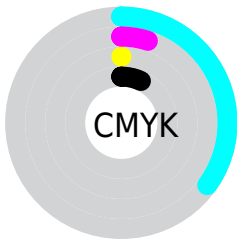
Distribution



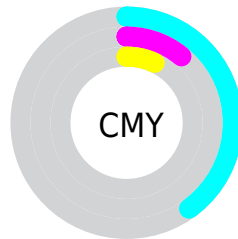
- Red (60%)
- Green (89%)
- Blue (93%)



- Red (60%)
- Yellow (76%)
- Blue (93%)



- Cyan (35%)
- Magenta (5%)
- Yellow (0%)
- Black (7%)



- Cyan (40%)
- Magenta (11%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AE2ED 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 9AE2ED by changing the saturation by 10% instead.

 9AE2ED

 9AE2ED

FFFFFF

 7EC6D1

 D3FFFF

 63ABB5

 F0FFFF

 47909A

 2A7680

 005D67

 00454F

 002F38

 001C23

 00000C

9AE2ED

9AE2ED

82DFED

B2E5ED

6BDCED

C9E8ED

53D9ED

E1EBED

3BD5ED

F9EFED

24D2ED

FFF2ED

0CCFED

FFF5ED

00CEED

FFF8ED

FFFBED

FFFEED

Harmonies

Analogous

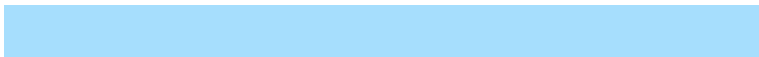
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A1E3D7



9AE2ED



A6DEFD

Triad

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



9AE2ED



F5CAEB



E5D5AA

Complementary

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



9AE2ED



EDA59A

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.



F9CEB0



9AE2ED



FFC7D5

Square

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



9AE2ED



DCD0FB



FFC8C0



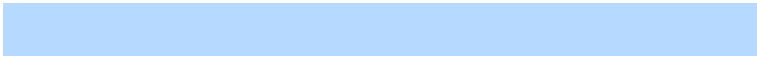
CDDCB1

Rectangle

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



9AE2ED



B6DAFF



FFC8C0



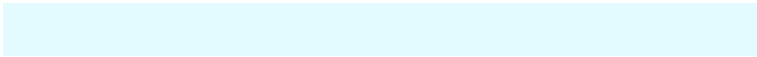
EDD3AB

Sweetspot

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



9AE2ED



E3FBFF



9AEDA4



6F7D80



000000



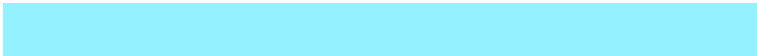
808080

Same Dimension

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



9AE2ED



94F1FF



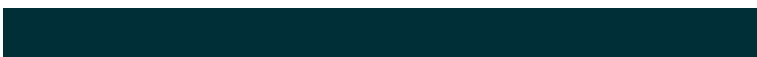
9ABAED



6A7475



009DB5



002E36

Inverse Universe

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



ED9AE2



FF94F1



EDCD9A



756A74



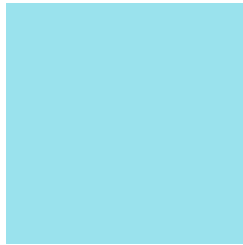
B5009D



36002E

Previews

White Background



This preview shows how the Hex color 9AE2ED looks on a white background.

Color Contrast Check

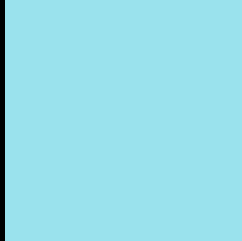
Large Text (above 18pt) WCAG AA × Fail

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 9AE2ED looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

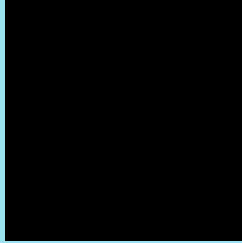
Any Text WCAG AA ✓ Pass

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 9AE2ED Background



This preview shows how black text looks on a background with the Hex color 9AE2ED.

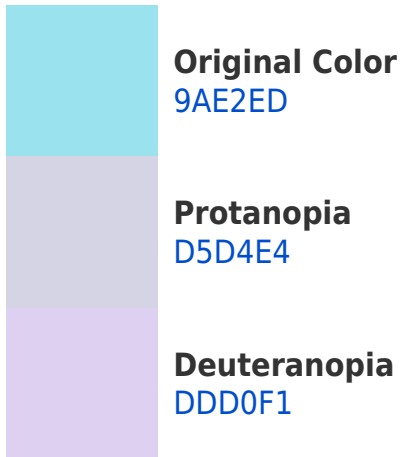


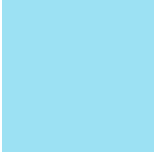
This preview shows how white text looks on a background with the Hex color 9AE2ED.

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](#).

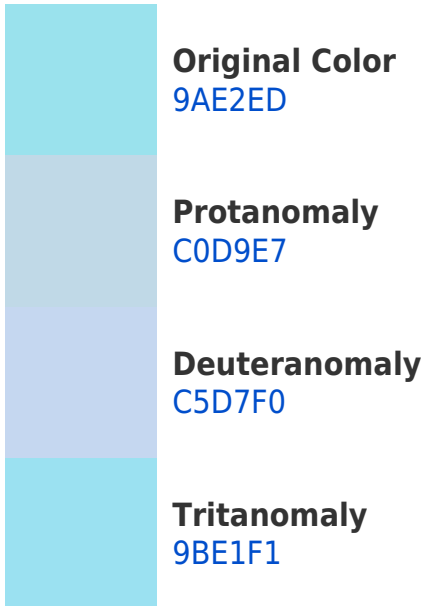
Dichromacy



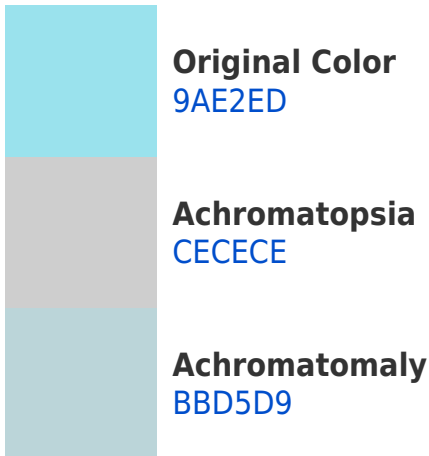


Tritanopia
9CE1F3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9AE2ED 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 #9AE2ED looks like.

```
.text, #text, p{  
    color:#9AE2ED  
}
```

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 #9AE2ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AE2ED  
}
```

Border

The CSS property to change the border of an element to Hex 9AE2ED 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  
#9AE2ED }
```

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

```
.border{ border-color:#9AE2ED }
```

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

Here you see how a box with a 4 pixel #9AE2ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AE2ED; -webkit-box-shadow:4px 4px  
4px 4px #9AE2ED; box-shadow:4px 4px 4px  
4px #9AE2ED }
```

Background

The CSS property to change the background color of an element to Hex 9AE2ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AE2ED }
```

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

```
.background{ background-color:#9AE2ED }
```

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