

Converting Colors

Hex(9AE9D1)

Have a look what the booklet for
Hex(9AE9D1) contains.

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Color

Hex(9AE9D1)

Conversions

Conversions Part 1

Format	Color
Hex	9AE9D1
RGB	154, 233, 209
RGB Percent	60%, 91%, 82%
CMY	0.3961, 0.0863, 0.1804
CMYK	0.34, 0.00, 0.10, 0.09
HSL	162°, 64%, 76%
HSV	162°, 34%, 91%
XYZ	53.9740, 69.7513, 70.9402
YIQ	206.6430, -39.3800, -24.2120

Conversions

Conversions Part 2

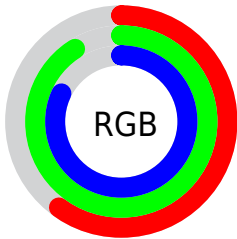
Format	Color
RYB	154, 201, 233
Decimal	10152401
CIELab	86.87, -29.38, 3.99
CIElCh	87, 29.646, 172.271
Yxy	69.7513, 0.2773, 0.3583
Android (android.graphics.Color)	4288342481 (0xFF9AE9D1)
YUV	206.6430, 1.1620, -46.1679
Hunter-Lab	83.5172, -30.7975, 8.1007

Details

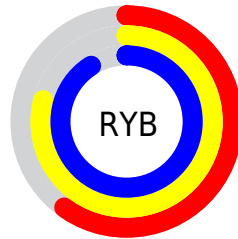
The Hex color **9AE9D1** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **E99AB2**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **D3FFFF**, and **63B19B** is the 20% darker color. If you saturate the color by 10%, you get **83E9CA**, and if you desaturate by 10%, it is **B1E9D8**.

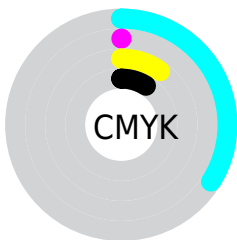
Distribution



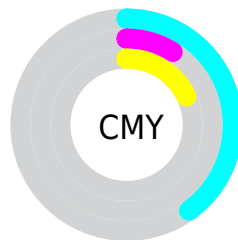
- Red (60%)
- Green (91%)
- Blue (82%)



- Red (60%)
- Yellow (79%)
- Blue (91%)



- Cyan (34%)
- Magenta (0%)
- Yellow (10%)
- Black (9%)



- Cyan (40%)
- Magenta (9%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AE9D1 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 9AE9D1 by changing the saturation by 10% instead.

 9AE9D1

FFFFFF

 D3FFFF

 F0FFFF


 9AE9D1

 7FCDB5

 63B19B

 489681

 2C7C68

 086350

 004A39

 003323

 00200E

 000000

 9AE9D1

 9AE9D1

 83E9CA

 B1E9D8

 6BE9C3

 C9E9DF

 54E9BC

 E0E9E6

 3DE9B5

 F7E9ED

 26E9AE

 FFE9F4

 0EE9A7

 FFE9FB

 00E9A2

 FFE9FF

Harmonies

Analogous

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



B8E5B6



9AE9D1



88E9EE

Triad

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



9AE9D1



D4D5FF



FFCCAE

Complementary

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



9AE9D1



E99AB2

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.



FFC6C6



9AE9D1



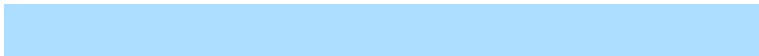
F7CCFC

Square

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



9AE9D1



ADDEFF



FFC6E2



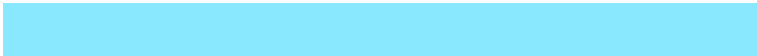
F5D5A2

Rectangle

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



9AE9D1



89E7FE



FFC6E2



FFCAB5

Sweetspot

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



9AE9D1



E6FFF7



B3E99A



70807B



000000



808080

Same Dimension

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



9AE9D1



96FFDF



9ADBE9



6A7572



00B57E



003625

Inverse Universe

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



E99AB2



FF96B6



E9A89A



756A6D



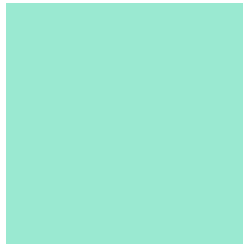
B50037



360010

Previews

White Background



This preview shows how the Hex color 9AE9D1 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 9AE9D1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

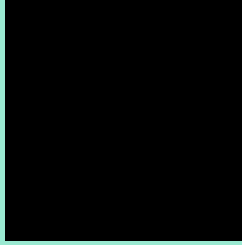
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

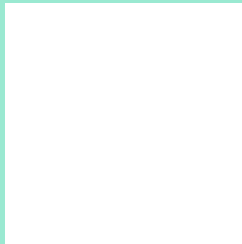
Any Text WCAG AAA ✓ Pass

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

Hex 9AE9D1 Background



This preview shows how black text looks on a background with the Hex color 9AE9D1.

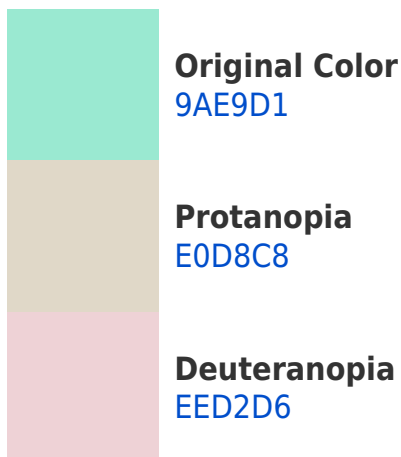


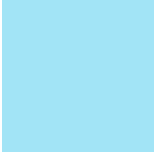
This preview shows how white text looks on a background with the Hex color 9AE9D1.

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](#).

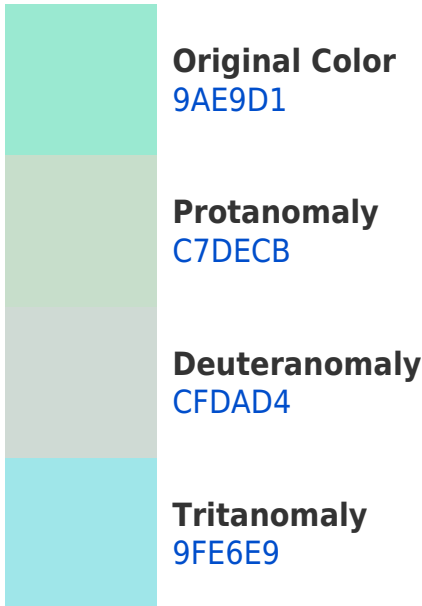
Dichromacy



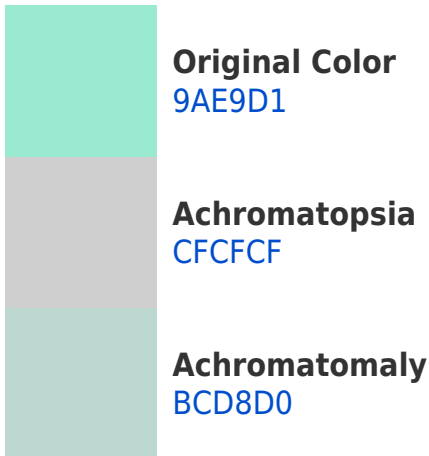


Tritanopia
A2E4F6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9AE9D1 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 #9AE9D1 looks like.

```
.text, #text, p{  
    color:#9AE9D1  
}
```

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 #9AE9D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AE9D1
}
```

Border

The CSS property to change the border of an element to Hex 9AE9D1 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
#9AE9D1 }
```

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

```
.border{ border-color:#9AE9D1 }
```

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

Here you see how a box with a 4 pixel #9AE9D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AE9D1; -webkit-box-shadow:4px 4px  
4px 4px #9AE9D1; box-shadow:4px 4px 4px  
4px #9AE9D1 }
```

Background

The CSS property to change the background color of an element to Hex 9AE9D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AE9D1 }
```

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

```
.background{ background-color:#9AE9D1 }
```

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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