

Converting Colors

Hex(9AE1E6)

Have a look what the booklet for
Hex(9AE1E6) contains.

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Color

Hex(9AE1E6)

Conversions

Conversions Part 1

Format	Color
Hex	9AE1E6
RGB	154, 225, 230
RGB Percent	60%, 88%, 90%
CMY	0.3961, 0.1176, 0.0980
CMYK	0.33, 0.02, 0.00, 0.10
HSL	184°, 60%, 75%
HSV	184°, 33%, 90%
XYZ	54.5346, 66.4336, 84.8116
YIQ	204.3410, -43.9210, -13.4970

Conversions

Conversions Part 2

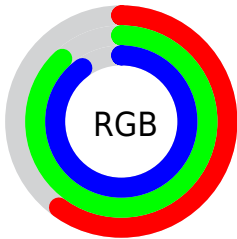
Format	Color
RYB	154, 191, 230
Decimal	10150374
CIELab	85.22, -20.80, -9.51
CIELCh	85, 22.872, 204.559
Yxy	66.4336, 0.2650, 0.3228
Android (android.graphics.Color)	4288340454 (0xFF9AE1E6)
YUV	204.3410, 12.6499, -44.1491
Hunter-Lab	81.5068, -23.2062, -4.6392

Details

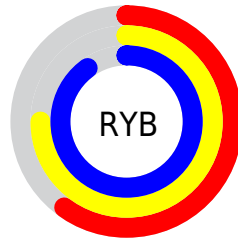
The Hex color **9AE1E6** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E69F9A**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **D3FFFF**, and **63AAAF** is the 20% darker color. If you saturate the color by 10%, you get **83DFE6**, and if you desaturate by 10%, it is **B1E3E6**.

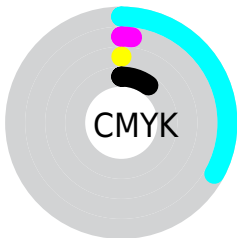
Distribution



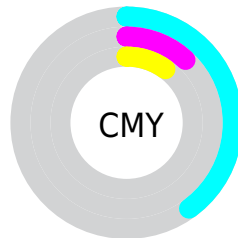
- Red (60%)
- Green (88%)
- Blue (90%)



- Red (60%)
- Yellow (75%)
- Blue (90%)



- Cyan (33%)
- Magenta (2%)
- Yellow (0%)
- Black (10%)



- Cyan (40%)
- Magenta (12%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AE1E6 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 9AE1E6 by changing the saturation by 10% instead.

 9AE1E6

 9AE1E6

FFFFFF

 7EC5CA

 D3FFFF

 63AAAF

 F0FFFF

 488F94

 2B757A

 045C61

 00454A

 002E33

 001B1E

 000003

 9AE1E6

 9AE1E6

 83DFE6

 B1E3E6

 6CDEE6

 C8E4E6

 55DCE6

 DFE6E6

 3EDBE6

 F6E7E6

 27D9E6

 FFE9E6

 10D8E6

 FFEAE6

 00D7E6

 FFECE6

 FFEDE6

 FFEFE6

Harmonies

Analogous

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



A4E1D0



9AE1E6



A1DEF7

Triad

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



9AE1E6



EDCAEE



E9D2AA

Complementary

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



9AE1E6



E69F9A

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.



FACBB2



9AE1E6



FEC6DA

Square

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



9AE1E6



D4D1FC



FFC7C4



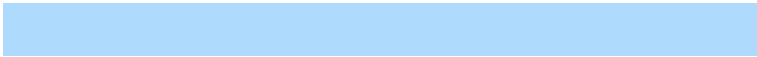
D2D9AD

Rectangle

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



9AE1E6



AEDAFE



FFC7C4



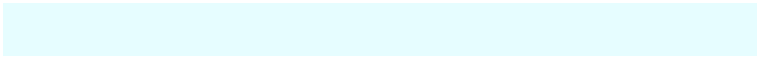
F0D0AC

Sweetspot

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



9AE1E6



E6FDFD



9AE69E



707E80



000000



808080

Same Dimension

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



9AE1E6



99F8FF



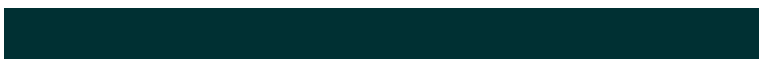
9ABCE6



677273



00A7B3



003033

Inverse Universe

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



E69AE1



FF99F8



E6C49A



736772



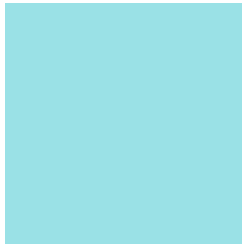
B300A7



330030

Previews

White Background



This preview shows how the Hex color 9AE1E6 looks on a white background.

Color Contrast Check

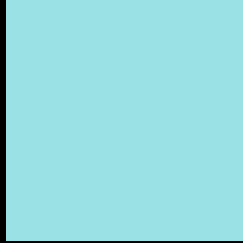
Large Text (above 18pt) WCAG AA × Fail

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 9AE1E6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

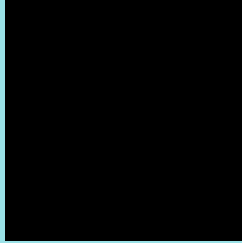
Any Text WCAG AA ✓ Pass

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 9AE1E6 Background



This preview shows how black text looks on a background with the Hex color 9AE1E6.

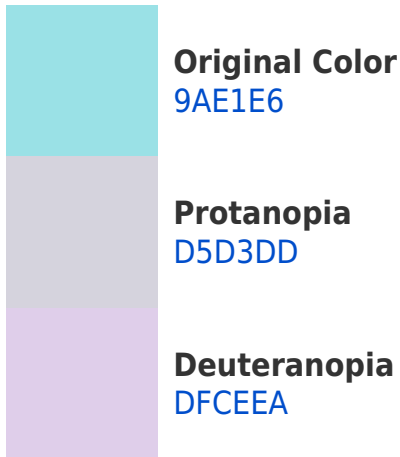


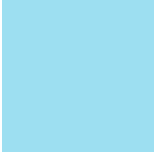
This preview shows how white text looks on a background with the Hex color 9AE1E6.

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](#).

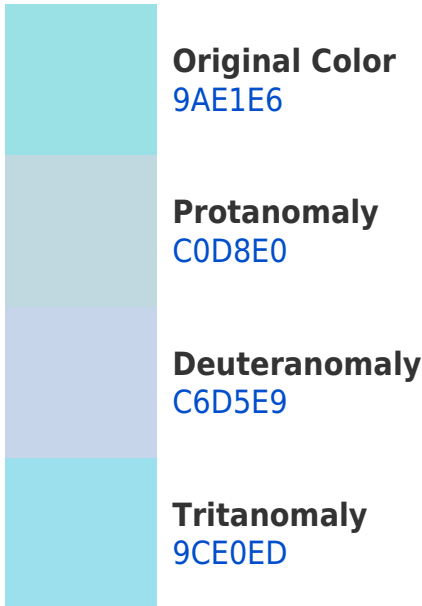
Dichromacy



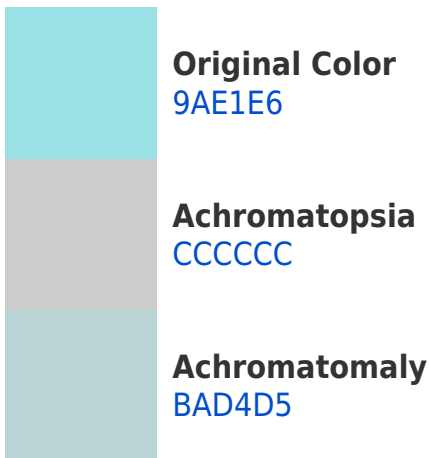


Tritanopia
9DDFF1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9AE1E6 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 #9AE1E6 looks like.

```
.text, #text, p{  
    color:#9AE1E6  
}
```

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 #9AE1E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AE1E6  
}
```

Border

The CSS property to change the border of an element to Hex 9AE1E6 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  
#9AE1E6 }
```

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

```
.border{ border-color:#9AE1E6 }
```

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

Here you see how a box with a 4 pixel #9AE1E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AE1E6; -webkit-box-shadow:4px 4px  
4px 4px #9AE1E6; box-shadow:4px 4px 4px  
4px #9AE1E6 }
```

Background

The CSS property to change the background color of an element to Hex 9AE1E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AE1E6 }
```

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

```
.background{ background-color:#9AE1E6 }
```

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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