

# Converting Colors

Hex(9AD8EE)

Have a look what the booklet for  
Hex(9AD8EE) contains.

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# **Color**

**Hex(9AD8EE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9AD8EE
RGB	154, 216, 238
RGB Percent	60%, 85%, 93%
CMY	0.3961, 0.1529, 0.0667
CMYK	0.35, 0.09, 0.00, 0.07
HSL	196°, 71%, 77%
HSV	196°, 35%, 93%
XYZ	53.3149, 62.1548, 90.0760
YIQ	199.9700, -44.0140, -6.3020

# Conversions

## Conversions Part 2

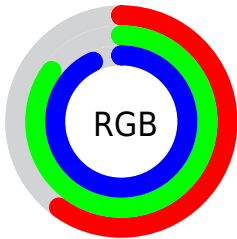
Format	Color
<a href="#">RYB</a>	<a href="#">154, 190, 238</a>
Decimal	<a href="#">10148078</a>
CIELab	<a href="#">83.00, -14.35, -17.07</a>
CIELCh	<a href="#">83, 22.298, 229.947</a>
Yxy	<a href="#">62.1548, 0.2594, 0.3024</a>
Android (android.graphics.Color)	<a href="#">4288338158</a> ( <a href="#">0xFF9AD8EE</a> )
YUV	<a href="#">199.9700, 18.7488, -40.3157</a>
Hunter-Lab	<a href="#">78.8383, -17.2553, -12.5544</a>

# Details

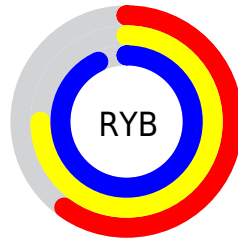
The Hex color **9AD8EE** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **EEB09A**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **D3FFFF**, and **63A1B6** is the 20% darker color. If you saturate the color by 10%, you get **82D2EE**, and if you desaturate by 10%, it is **B2DEEE**.

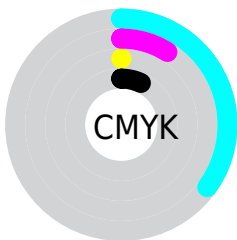
# Distribution



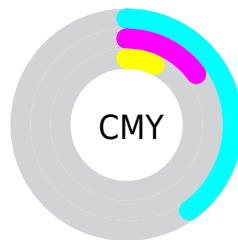
- Red (60%)
- Green (85%)
- Blue (93%)



- Red (60%)
- Yellow (75%)
- Blue (93%)



- Cyan (35%)
- Magenta (9%)
- Yellow (0%)
- Black (7%)



- Cyan (40%)
- Magenta (15%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9AD8EE 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 9AD8EE by changing the saturation by 10% instead.



 9AD8EE

 9AD8EE

FFFFFF

 7EBCD2

 D3FFFF

 63A1B6

 F0FFFF

 48879B

 2B6E81

 035568

 003E50

 002839

 001423

 00000C

■ 9AD8EE

■ 9AD8EE

■ 82D2EE

■ B2DEEE

■ 6ACCEE

■ CAE4EE

■ 53C5EE

■ E1EBEE

■ 3BBFEE

■ F9F1EE

■ 23B9EE

■ FFF7EE

■ 0BB3EE

■ FFFDEE

■ 00B0EE

■ FFFFEE

# Harmonies

## Analogous

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



96DBDC



9AD8EE



AED3F7

# Triad

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



9AD8EE



F5C1D7



D0D2A7

# Complementary

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



9AD8EE



EEB09A

# 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.



E6CBA6



9AD8EE



FBC0C1

# Square

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



9AD8EE



E3C5EA



F5C4AF



B8D7B3

# Rectangle

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



9AD8EE



C0CEF8



F5C4AF



D8D0A5

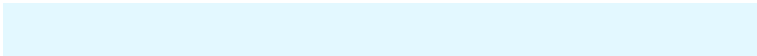


# Sweetspot

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



9AD8EE



E3F8FF



9AEEAF



6F7B80



000000



808080

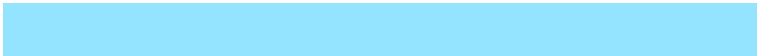


# Same Dimension

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



9AD8EE



94E3FF



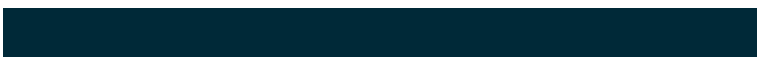
9AAFEE



6C7578



0088B8



002938



# Inverse Universe

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



EE9AD8



FF94E3



EED99A



786C75



B80088

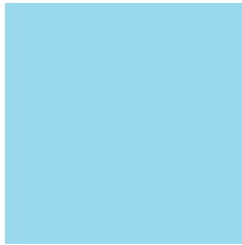


380029



# Previews

## White Background



This preview shows how the Hex color 9AD8EE looks on a white background.

## Color Contrast Check

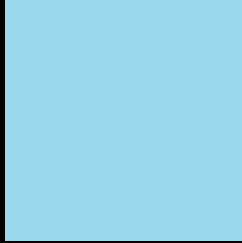
Large Text (above 18pt) WCAG AA × Fail

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 9AD8EE 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 9AD8EE Background



This preview shows how black text looks on a background with the Hex color 9AD8EE.

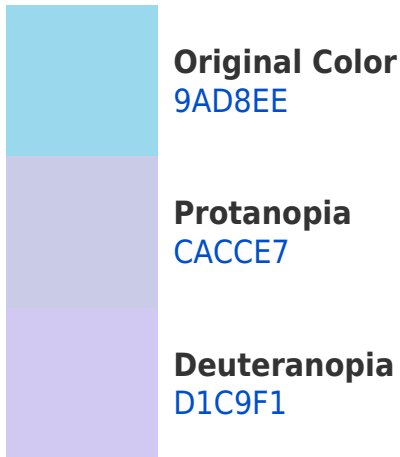


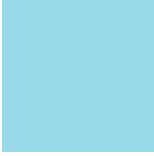
This preview shows how white text looks on a background with the Hex color 9AD8EE.

# 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



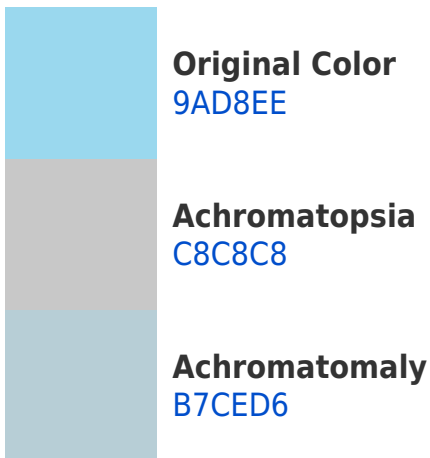


**Tritanopia**  
99D9EA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9AD8EE 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 #9AD8EE looks like.

```
.text, #text, p{  
    color:#9AD8EE  
}
```

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 #9AD8EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AD8EE
}
```

## Border

The CSS property to change the border of an element to Hex 9AD8EE 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
#9AD8EE }
```

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

```
.border{ border-color:#9AD8EE }
```

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

Here you see how a box with a 4 pixel #9AD8EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AD8EE; -webkit-box-shadow:4px 4px  
4px 4px #9AD8EE; box-shadow:4px 4px 4px  
4px #9AD8EE }
```

# Background

The CSS property to change the background color of an element to Hex 9AD8EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AD8EE }
```

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

```
.background{ background-color:#9AD8EE }
```

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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