

# Converting Colors

Hex(9AC0EE)

Have a look what the booklet for  
Hex(9AC0EE) contains.

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# **Color**

**Hex(9AC0EE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9AC0EE
RGB	154, 192, 238
RGB Percent	60%, 75%, 93%
CMY	0.3961, 0.2471, 0.0667
CMYK	0.35, 0.19, 0.00, 0.07
HSL	213°, 71%, 77%
HSV	213°, 35%, 93%
XYZ	47.6087, 50.7423, 88.1739
YIQ	185.8820, -37.4140, 6.2500

# Conversions

## Conversions Part 2

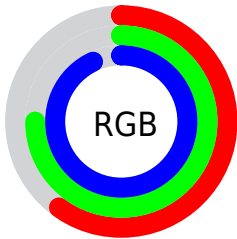
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">154, 180, 238</a>
Decimal	<a href="#">10141934</a>
CIELab	<a href="#">76.52, -1.72, -26.90</a>
CIELCh	<a href="#">77, 26.952, 266.347</a>
Yxy	<a href="#">50.7423, 0.2552, 0.2720</a>
Android (android.graphics.Color)	<a href="#">4288332014</a> ( <a href="#">0xFF9AC0EE</a> )
YUV	<a href="#">185.8820, 25.6942, -27.9605</a>
Hunter-Lab	<a href="#">71.2337, -5.3593, -23.5263</a>

# Details

The Hex color **9AC0EE** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **EEC89A**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **D2F8FF**, and **648BB6** is the 20% darker color. If you saturate the color by 10%, you get **82B3EE**, and if you desaturate by 10%, it is **B2CDEE**.

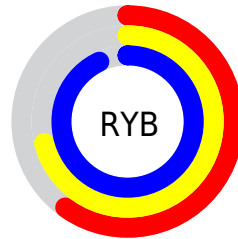
# Distribution



Red (60%)

Green (75%)

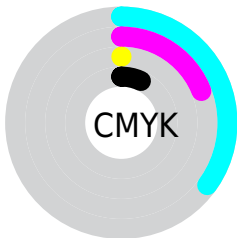
Blue (93%)



Red (60%)

Yellow (71%)

Blue (93%)

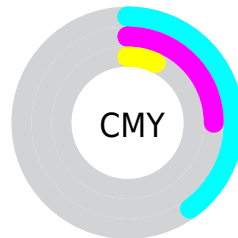


Cyan (35%)

Magenta (19%)

Yellow (0%)

Black (7%)



Cyan (40%)

Magenta (25%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9AC0EE 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 9AC0EE by changing the saturation by 10% instead.



 9AC0EE

 9AC0EE

FFFFFF

 7FA5D2

 D2F8FF

 648BB6

 EFFFFFF

 49719B

 2E5981

 0B4268

 002C4F

 001838

 000223

 000009

■ 9AC0EE

■ 9AC0EE

■ 82B3EE

■ B2CDEE

■ 6AA6EE

■ CADAEE

■ 5399EE

■ E1E7EE

■ 3B8CEE

■ F9F4EE

■ 237FEE

■ FFFFEE

■ 0B72EE

■ 006CEE

# Harmonies

## Analogous

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



7DC7E5



9AC0EE



BDB7E9

# Triad

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



9AC0EE



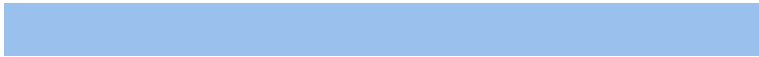
EFACA8



9BC8A0

# Complementary

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



9AC0EE



EEC89A

# 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.



B8C290



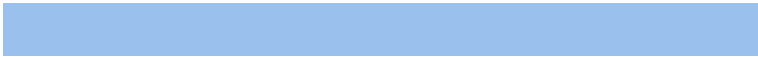
9AC0EE



E6B294

# Square

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



9AC0EE



ECABC1



D2BA8B



81CBB9

# Rectangle

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



9AC0EE



D1B2DF



D2BA8B



A5C69A



# Sweetspot

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



9AC0EE



E3F0FF



9AEEC7



6F7680



000000



808080



# Same Dimension

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



9AC0EE



94C4FF



9D9AEE



6C7178



0053B8



001938



# Inverse Universe

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



EE9AC0



FF94C4



EBEE9A



786C71



B80053

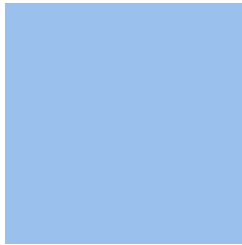


380019



# Previews

## White Background



This preview shows how the Hex color 9AC0EE looks on a white background.

## Color Contrast Check

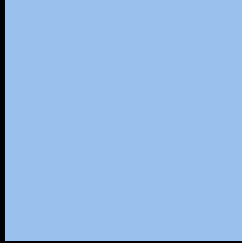
Large Text (above 18pt) WCAG AA × Fail

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 9AC0EE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

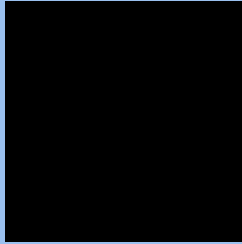
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

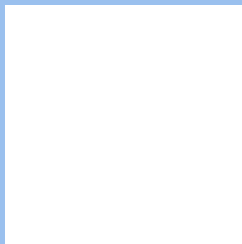
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9AC0EE Background



This preview shows how black text looks on a background with the Hex color 9AC0EE.



This preview shows how white text looks on a background with the Hex color 9AC0EE.

# 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](#).

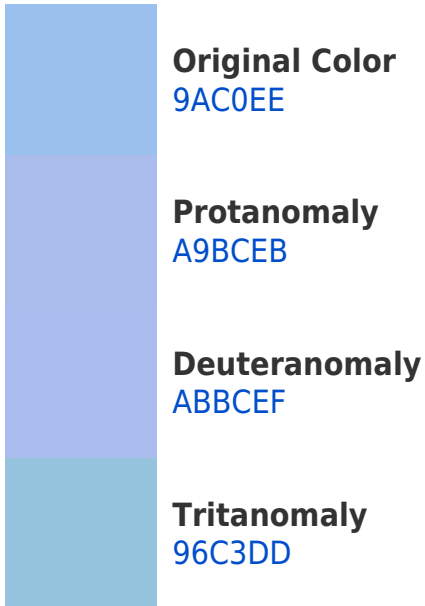
## Dichromacy



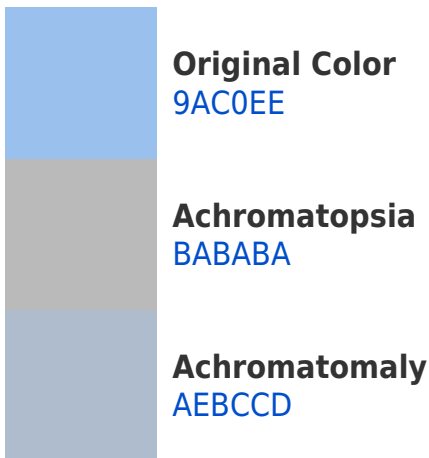


**Tritanopia**  
94C5D4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9AC0EE 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 #9AC0EE looks like.

```
.text, #text, p{  
    color:#9AC0EE  
}
```

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 #9AC0EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AC0EE  
}
```

## Border

The CSS property to change the border of an element to Hex 9AC0EE 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  
#9AC0EE }
```

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

```
.border{ border-color:#9AC0EE }
```

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

Here you see how a box with a 4 pixel #9AC0EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AC0EE; -webkit-box-shadow:4px 4px  
4px 4px #9AC0EE; box-shadow:4px 4px 4px  
4px #9AC0EE }
```

# Background

The CSS property to change the background color of an element to Hex 9AC0EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AC0EE }
```

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

```
.background{ background-color:#9AC0EE }
```

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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