

# Converting Colors

Hex(9AC5DB)

Have a look what the booklet for  
Hex(9AC5DB) contains.

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# **Color**

**Hex(9AC5DB)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 9AC5DB                      |
| RGB         | 154, 197, 219               |
| RGB Percent | 60%, 77%, 86%               |
| CMY         | 0.3961, 0.2275, 0.1412      |
| CMYK        | 0.30, 0.10, 0.00, 0.14      |
| HSL         | 200°, 47%, 73%              |
| HSV         | 200°, 30%, 86%              |
| XYZ         | 46.0789, 51.9170, 74.6102   |
| YIQ         | 186.6510, -32.6900, -2.2740 |

# Conversions

## Conversions Part 2

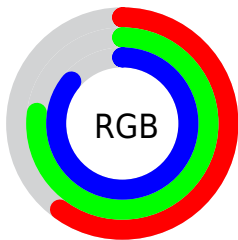
| Format                              | Color   |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">154, 180, 219</a>                   |
| Decimal                             | <a href="#">10143195</a>                        |
| CIELab                              | <a href="#">77.23, -9.07, -15.58</a>            |
| CIELCh                              | <a href="#">77, 18.028, 239.791</a>             |
| Yxy                                 | <a href="#">51.9170, 0.2670,<br/>0.3008</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4288333275<br/>(0xFF9AC5DB)</a>     |
| YUV                                 | <a href="#">186.6510, 15.9481,<br/>-28.6349</a> |
| Hunter-Lab                          | <a href="#">72.0535, -11.9411,<br/>-10.9564</a> |

# Details

The Hex color **9AC5DB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DBB09A**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **D2FEFF**, and **658FA4** is the 20% darker color. If you saturate the color by 10%, you get **84BEDB**, and if you desaturate by 10%, it is **B0CCDB**.

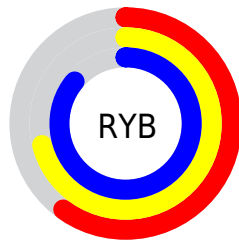
# Distribution



Red (60%)

Green (77%)

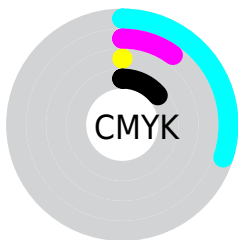
Blue (86%)



Red (60%)

Yellow (71%)

Blue (86%)

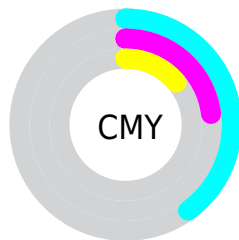


Cyan (30%)

Magenta (10%)

Yellow (0%)

Black (14%)



Cyan (40%)

Magenta (23%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9AC5DB 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 9AC5DB by changing the saturation by 10% instead.



■ 9AC5DB

■ 9AC5DB

FFFFFF

■ 7FAABF

■ D2FEFF

■ 658FA4

■ EEEFFF

■ 4B768A

■ 315D70

■ 164558

■ 002F40

■ 001B2A

■ 000116

■ 000000

 9AC5DB

 9AC5DB

 84BEDB

 B0CCDB

 6EB6DB

 C6D4DB

 58AFDB

 DCDBDB

 42A7DB

 F2E3DB

 2DA0DB

 FFEADB

 1799DB

 FFF1DB

 0191DB

 FFF9DB

 0091DB

 FFFFDB

# Harmonies

## Analogous

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



93C8CF



9AC5DB



ACC0E0

# Triad

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



9AC5DB



E0B3BF



BAC3A2

# Complementary

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



9AC5DB



DBB09A

# 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.



CCBE9E



9AC5DB



E2B4AF

# Square

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



9AC5DB



D5B6D0



DAB8A2



A7C7AD

# Rectangle

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



9AC5DB



BBBCDE



DAB8A2



C0C19F

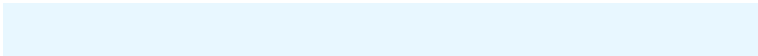


# Sweetspot

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



9AC5DB



E8F7FF



9ADBB0



717B80



000000



808080

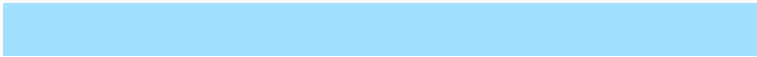


# Same Dimension

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



9AC5DB



A3E0FF



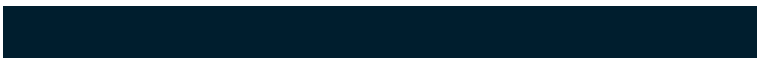
9AA5DB



636A6E



0073AD



001E2E



# Inverse Universe

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



DB9AC5



FFA3E0



DBD09A



6E636A



AD0073

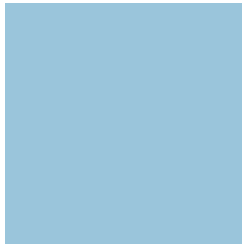


2E001E



# Previews

## White Background



This preview shows how the Hex color 9AC5DB looks on a white background.

## Color Contrast Check

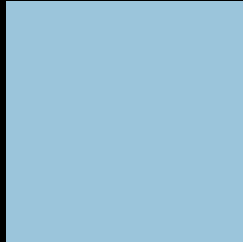
Large Text (above 18pt) WCAG AA × Fail

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 9AC5DB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

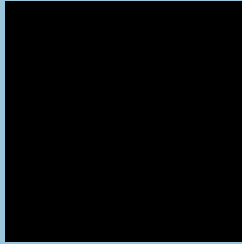
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9AC5DB Background



This preview shows how black text looks on a background with the Hex color 9AC5DB.

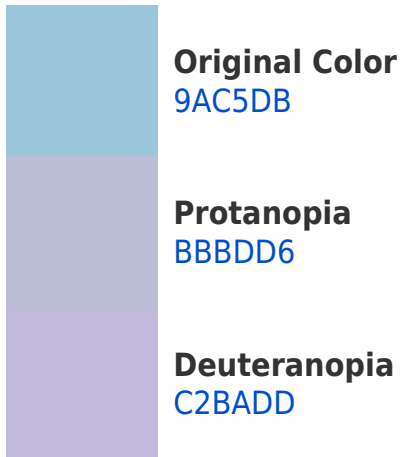


This preview shows how white text looks on a background with the Hex color 9AC5DB.

# 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](#).

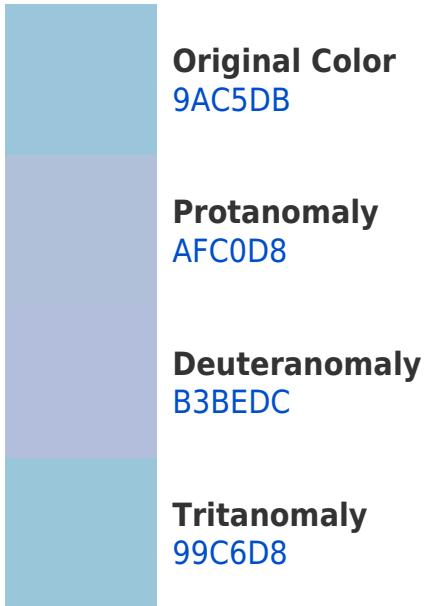
## Dichromacy



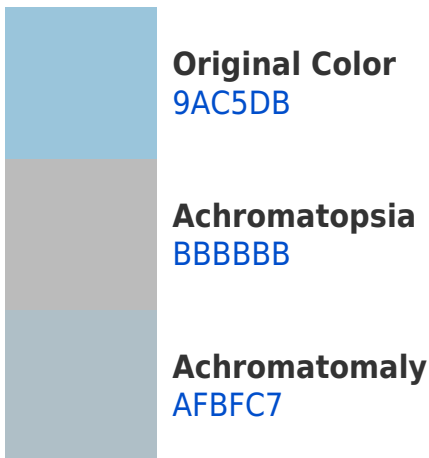


**Tritanopia**  
99C6D6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9AC5DB 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 #9AC5DB looks like.

```
.text, #text, p{  
    color:#9AC5DB  
}
```

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 #9AC5DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AC5DB
}
```

## Border

The CSS property to change the border of an element to Hex 9AC5DB 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
#9AC5DB }
```

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

```
.border{ border-color:#9AC5DB }
```

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

Here you see how a box with a 4 pixel #9AC5DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AC5DB; -webkit-box-shadow:4px 4px  
4px 4px #9AC5DB; box-shadow:4px 4px 4px  
4px #9AC5DB }
```

# Background

The CSS property to change the background color of an element to Hex 9AC5DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AC5DB }
```

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

```
.background{ background-color:#9AC5DB }
```

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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