

# Converting Colors

Hex(9BC0ED)

Have a look what the booklet for  
Hex(9BC0ED) contains.

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# **Color**

**Hex(9BC0ED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BC0ED
RGB	155, 192, 237
RGB Percent	61%, 75%, 93%
CMY	0.3922, 0.2471, 0.0706
CMYK	0.35, 0.19, 0.00, 0.07
HSL	213°, 69%, 77%
HSV	213°, 35%, 93%
XYZ	47.6533, 50.7823, 87.4111
YIQ	186.0670, -36.4970, 6.1510

# Conversions

## Conversions Part 2

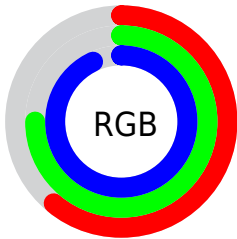
Format	Color
<a href="#">RYB</a>	<a href="#">155, 180, 237</a>
Decimal	<a href="#">10207469</a>
CIELab	<a href="#">76.55, -1.70, -26.32</a>
CIELCh	<a href="#">77, 26.371, 266.308</a>
Yxy	<a href="#">50.7823, 0.2564, 0.2732</a>
Android (android.graphics.Color)	<a href="#">4288397549 (0xFF9BC0ED)</a>
YUV	<a href="#">186.0670, 25.1100, -27.2458</a>
Hunter-Lab	<a href="#">71.2617, -5.3435, -22.8432</a>

# Details

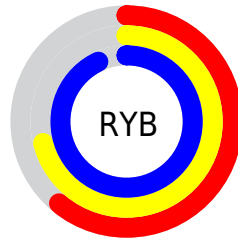
The Hex color **9BC0ED** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **EDC89B**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **D3F8FF**, and **658BB5** is the 20% darker color. If you saturate the color by 10%, you get **83B3ED**, and if you desaturate by 10%, it is **B3CDED**.

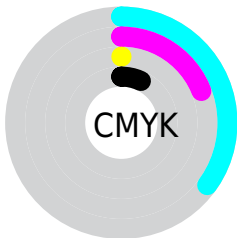
# Distribution



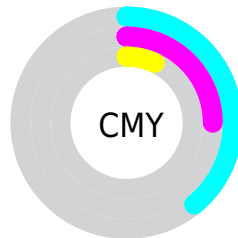
- Red (61%)
- Green (75%)
- Blue (93%)



- Red (61%)
- Yellow (71%)
- Blue (93%)



- Cyan (35%)
- Magenta (19%)
- Yellow (0%)
- Black (7%)



- Cyan (39%)
- Magenta (25%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BC0ED 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 9BC0ED by changing the saturation by 10% instead.



■ 9BC0ED

FFFFFF

■ D3F8FF

■ F0FFFF

■ 9BC0ED

■ 80A5D1

■ 658BB5

■ 4A719A

■ 2F5980

■ 0F4267

■ 002C4F

■ 001837

■ 000222

■ 000008

■ 9BC0ED

■ 9BC0ED

■ 83B3ED

■ B3CDED

■ 6CA6ED

■ CADAED

■ 5499ED

■ E2E7ED

■ 3C8CED

■ FAF4ED

■ 247FED

■ FFFFED

■ 0D72ED

■ 006BED

# Harmonies

## Analogous

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



7FC7E5



9BC0ED



BDB8E8

# Triad

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



9BC0ED



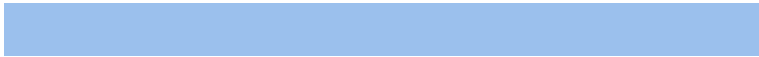
EEACA8



9CC8A1

# Complementary

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



9BC0ED



EDC89B

# 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.



B8C291



9BC0ED



E5B295

# Square

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



9BC0ED



EBABC1



D2BA8C



83CAB9

# Rectangle

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



9BC0ED



D1B2DF



D2BA8C



A5C69B



# Sweetspot

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



9BC0ED



E6F1FF



9BEDC7



707780



000000



808080



# Same Dimension

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



9BC0ED



94C4FF



9E9BED



6A6F75



0052B5



001836



# Inverse Universe

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



ED9BC0



FF94C4



EAED9B



756A6F



B50052

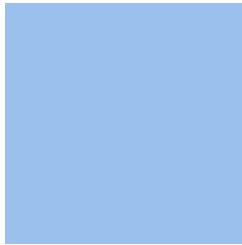


360018



# Previews

## White Background



This preview shows how the Hex color 9BC0ED looks on a white background.

## Color Contrast Check

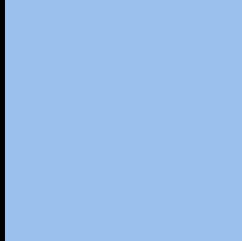
Large Text (above 18pt) WCAG AA × Fail

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 9BC0ED looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

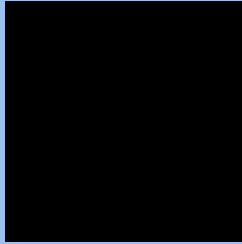
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

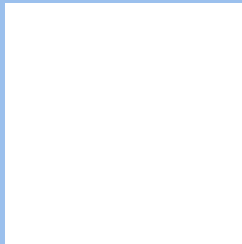
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9BC0ED Background



This preview shows how black text looks on a background with the Hex color 9BC0ED.

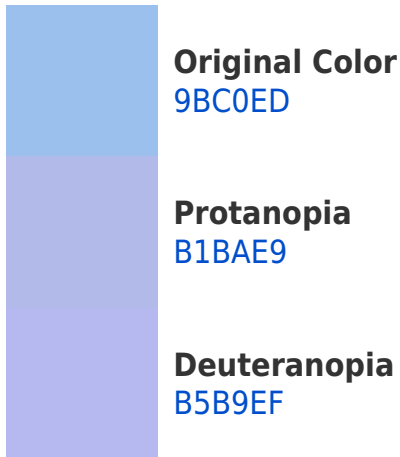


This preview shows how white text looks on a background with the Hex color 9BC0ED.

# 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](#).

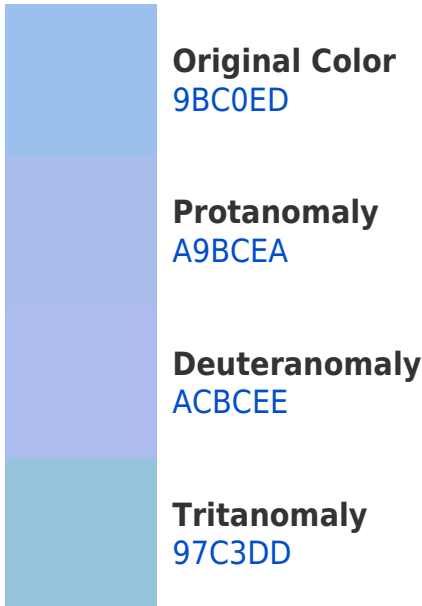
## Dichromacy



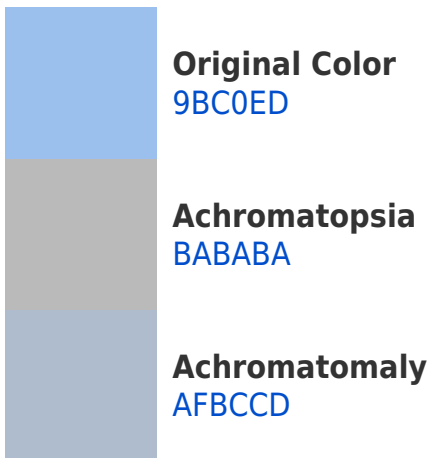


**Tritanopia**  
95C4D4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BC0ED 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 #9BC0ED looks like.

```
.text, #text, p{  
    color:#9BC0ED  
}
```

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 #9BC0ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BC0ED
}
```

## Border

The CSS property to change the border of an element to Hex 9BC0ED 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
#9BC0ED }
```

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

```
.border{ border-color:#9BC0ED }
```

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

Here you see how a box with a 4 pixel #9BC0ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BC0ED; -webkit-box-shadow:4px 4px  
4px 4px #9BC0ED; box-shadow:4px 4px 4px  
4px #9BC0ED }
```

# Background

The CSS property to change the background color of an element to Hex 9BC0ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BC0ED }
```

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

```
.background{ background-color:#9BC0ED }
```

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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