

Converting Colors

Hex(9BC3ED)

Have a look what the booklet for
Hex(9BC3ED) contains.

Hex(9BC3ED)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9BC3ED)

Conversions

Conversions Part 1

Format	Color
Hex	9BC3ED
RGB	155, 195, 237
RGB Percent	61%, 76%, 93%
CMY	0.3922, 0.2353, 0.0706
CMYK	0.35, 0.18, 0.00, 0.07
HSL	211°, 69%, 77%
HSV	211°, 35%, 93%
XYZ	48.3187, 52.1132, 87.6329
YIQ	187.8280, -37.3220, 4.5820

Conversions

Conversions Part 2

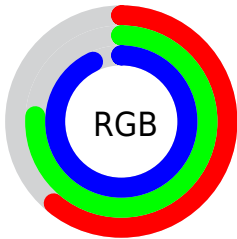
Format	Color
RYB	155, 182, 237
Decimal	10208237
CIELab	77.35, -3.31, -25.09
CIELCh	77, 25.309, 262.479
Yxy	52.1132, 0.2569, 0.2771
Android (android.graphics.Color)	4288398317 (0xFF9BC3ED)
YUV	187.8280, 24.2418, -28.7902
Hunter-Lab	72.1895, -6.8558, -21.4413

Details

The Hex color **9BC3ED** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **EDC59B**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **D3FBFF**, and **658DB5** is the 20% darker color. If you saturate the color by 10%, you get **83B7ED**, and if you desaturate by 10%, it is **B3CFED**.

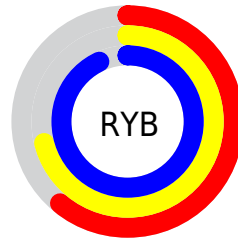
Distribution



Red (61%)

Green (76%)

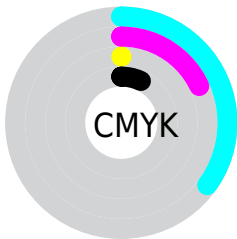
Blue (93%)



Red (61%)

Yellow (71%)

Blue (93%)

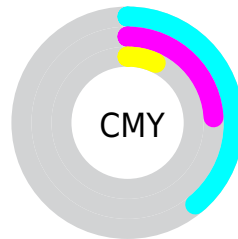


Cyan (35%)

Magenta (18%)

Yellow (0%)

Black (7%)



Cyan (39%)

Magenta (24%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BC3ED 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 9BC3ED by changing the saturation by 10% instead.

 9BC3ED

 9BC3ED

FFFFFF

 80A8D1

 D3FBFF

 658DB5

 F0FFFF

 4A749A

 2F5B80

 0F4467

 002E4F

 001A37

 000222

 000008

■ 9BC3ED

■ 9BC3ED

■ 83B7ED

■ B3CFED

■ 6CABED

■ CADBED

■ 549FED

■ E2E7ED

■ 3C92ED

■ FAF4ED

■ 2486ED

■ FFFFED

■ 0D7AED

■ 0074ED

Harmonies

Analogous

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



82C9E3



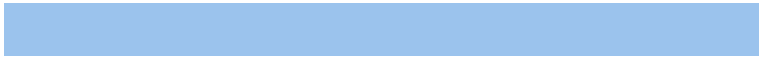
9BC3ED



BBBBEA

Triad

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



9BC3ED



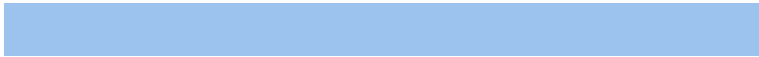
EFAFAE



A3C9A2

Complementary

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



9BC3ED



EDC59B

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.



BEC393



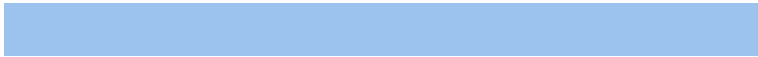
9BC3ED



E8B49B

Square

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



9BC3ED



EAAFC6



D6BB91



8BCCB8

Rectangle

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



9BC3ED



CFB6E2



D6BB91



ACC79C

Sweetspot

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



9BC3ED



E6F2FF



9BEDC4



707880



000000



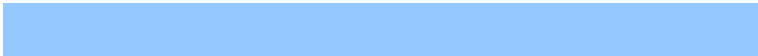
808080

Same Dimension

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



9BC3ED



94C8FF



9B9BED



6A6F75



0058B5



001A36

Inverse Universe

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



ED9BC3



FF94C8



EDED9B



756A6F



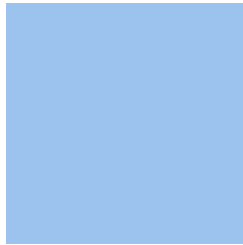
B50058



36001A

Previews

White Background



This preview shows how the Hex color 9BC3ED looks on a white background.

Color Contrast Check

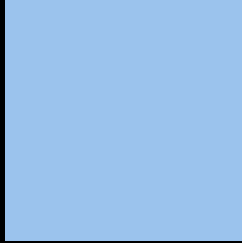
Large Text (above 18pt) WCAG AA × Fail

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 9BC3ED looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

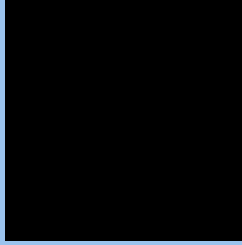
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

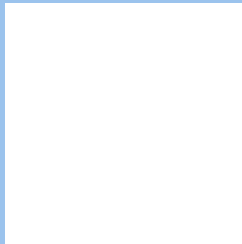
Any Text WCAG AAA ✓ Pass

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

Hex 9BC3ED Background



This preview shows how black text looks on a background with the Hex color 9BC3ED.

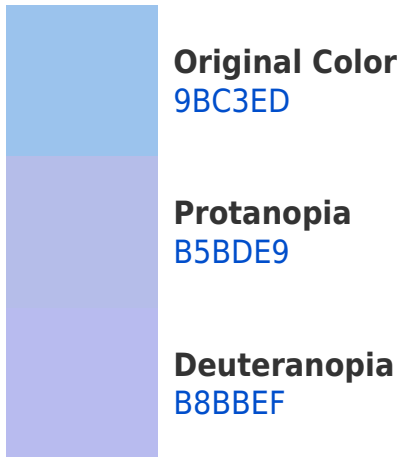


This preview shows how white text looks on a background with the Hex color 9BC3ED.

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](#).

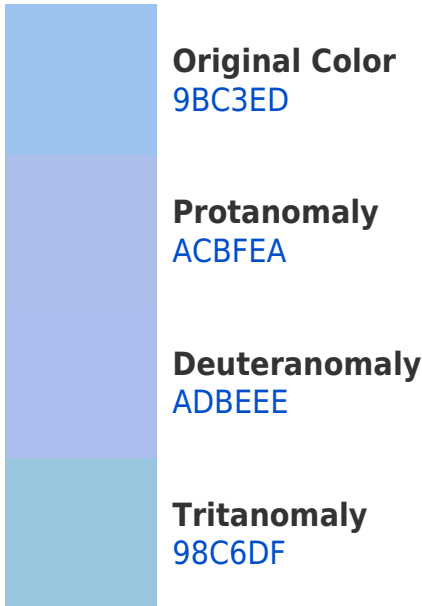
Dichromacy



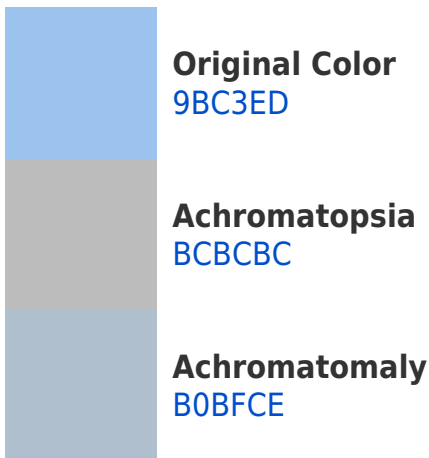


Tritanopia
96C7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9BC3ED 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 #9BC3ED looks like.

```
.text, #text, p{  
    color:#9BC3ED  
}
```

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 #9BC3ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BC3ED
}
```

Border

The CSS property to change the border of an element to Hex 9BC3ED 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
#9BC3ED }
```

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

```
.border{ border-color:#9BC3ED }
```

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

Here you see how a box with a 4 pixel #9BC3ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BC3ED; -webkit-box-shadow:4px 4px  
4px 4px #9BC3ED; box-shadow:4px 4px 4px  
4px #9BC3ED }
```

Background

The CSS property to change the background color of an element to Hex 9BC3ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BC3ED }
```

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

```
.background{ background-color:#9BC3ED }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor