

Converting Colors

Hex(9BD3E9)

Have a look what the booklet for
Hex(9BD3E9) contains.

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Color

Hex(9BD3E9)

Conversions

Conversions Part 1

Format	Color
Hex	9BD3E9
RGB	155, 211, 233
RGB Percent	61%, 83%, 91%
CMY	0.3922, 0.1725, 0.0863
CMYK	0.33, 0.09, 0.00, 0.09
HSL	197°, 64%, 76%
HSV	197°, 33%, 91%
XYZ	51.5198, 59.4403, 85.8485
YIQ	196.7640, -40.4380, -5.0300

Conversions

Conversions Part 2

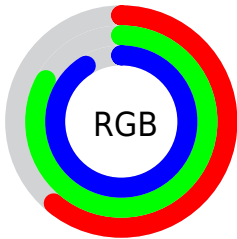
Format	Color
RYB	155, 188, 233
Decimal	10212329
CIELab	81.53, -12.72, -16.61
CIELCh	82, 20.920, 232.537
Yxy	59.4403, 0.2618, 0.3020
Android (android.graphics.Color)	4288402409 (0xFF9BD3E9)
YUV	196.7640, 17.8643, -36.6270
Hunter-Lab	77.0975, -15.6395, -12.0515

Details

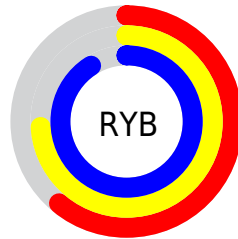
The Hex color **9BD3E9** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E9B19B**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **D3FFFF**, and **659CB1** is the 20% darker color. If you saturate the color by 10%, you get **84CCE9**, and if you desaturate by 10%, it is **B2DAE9**.

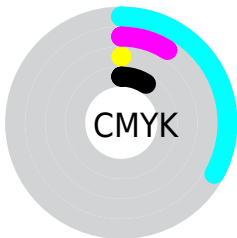
Distribution



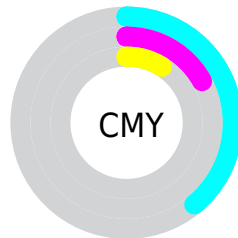
- Red (61%)
- Green (83%)
- Blue (91%)



- Red (61%)
- Yellow (74%)
- Blue (91%)



- Cyan (33%)
- Magenta (9%)
- Yellow (0%)
- Black (9%)



- Cyan (39%)
- Magenta (17%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BD3E9 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 9BD3E9 by changing the saturation by 10% instead.

■ 9BD3E9

FFFFFF

■ D3FFFF

■ F0FFFF

■ 9BD3E9

■ 80B7CD

■ 659CB1

■ 4A8297

■ 2F697D

■ 0D5164

■ 003A4C

■ 002435

■ 000C20

■ 000005

9BD3E9

9BD3E9

84CCE9

B2DAE9

6CC6E9

CAE0E9

55BFE9

E1E7E9

3EB9E9

F8EDE9

27B2E9

FFF4E9

0FACE9

FFFAE9

00A7E9

FFFFE9

Harmonies

Analogous

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



96D6D9



9BD3E9



AECEF1

Triad

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



9BD3E9



EFBDD0



CACEA6

Complementary

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



9BD3E9



E9B19B

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.



DFC8A4



9BD3E9



F4BDBC

Square

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



9BD3E9



DFC1E3



EEC1AC



B4D3B2

Rectangle

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



9BD3E9



BFCAF1



EEC1AC



D1CCA4

Sweetspot

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



9BD3E9



E6F8FF



9BE9B0



707B80



000000



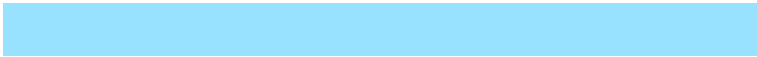
808080

Same Dimension

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



9BD3E9



99E2FF



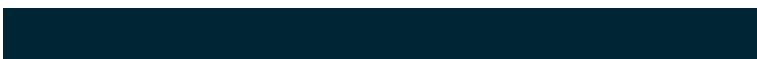
9BADE9



6A7275



0082B5



002636

Inverse Universe

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



E99BD3



FF99E2



E9D79B



756A72



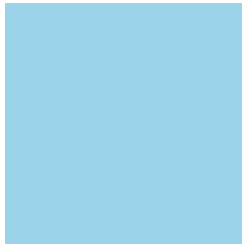
B50082



360026

Previews

White Background



This preview shows how the Hex color 9BD3E9 looks on a white background.

Color Contrast Check

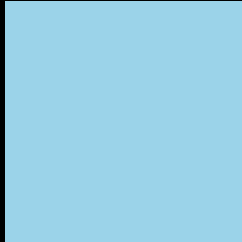
Large Text (above 18pt) WCAG AA × Fail

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 9BD3E9 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 9BD3E9 Background



This preview shows how black text looks on a background with the Hex color 9BD3E9.

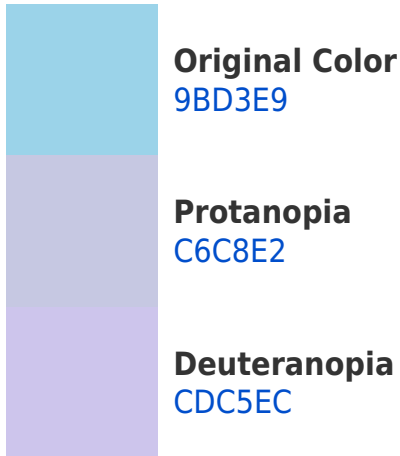


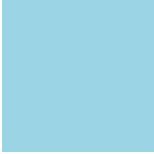
This preview shows how white text looks on a background with the Hex color 9BD3E9.

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](#).

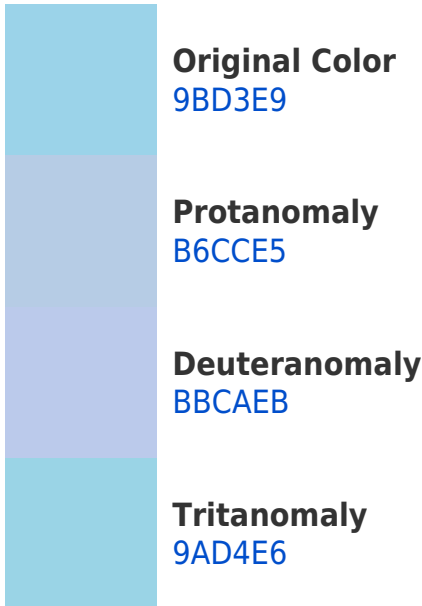
Dichromacy



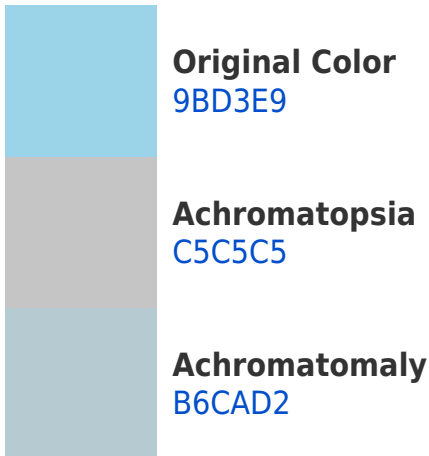


Tritanopia
9AD4E5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9BD3E9 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 #9BD3E9 looks like.

```
.text, #text, p{  
    color:#9BD3E9  
}
```

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 #9BD3E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BD3E9
}
```

Border

The CSS property to change the border of an element to Hex 9BD3E9 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
#9BD3E9 }
```

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

```
.border{ border-color:#9BD3E9 }
```

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

Here you see how a box with a 4 pixel #9BD3E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BD3E9; -webkit-box-shadow:4px 4px  
4px 4px #9BD3E9; box-shadow:4px 4px 4px  
4px #9BD3E9 }
```

Background

The CSS property to change the background color of an element to Hex 9BD3E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BD3E9 }
```

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

```
.background{ background-color:#9BD3E9 }
```

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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