

Converting Colors

Hex(9DB5E9)

Have a look what the booklet for
Hex(9DB5E9) contains.

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Color

Hex(9DB5E9)

Conversions

Conversions Part 1

Format	Color
Hex	9DB5E9
RGB	157, 181, 233
RGB Percent	62%, 71%, 91%
CMY	0.3843, 0.2902, 0.0863
CMYK	0.33, 0.22, 0.00, 0.09
HSL	221°, 63%, 76%
HSV	221°, 33%, 91%
XYZ	45.1365, 46.0990, 83.6099
YIQ	179.7520, -30.9960, 11.0840

Conversions

Conversions Part 2

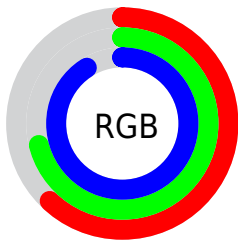
Format	Color
RYB	157, 175, 233
Decimal	10335721
CIELab	73.61, 3.84, -28.65
CIELCh	74, 28.902, 277.640
Yxy	46.0990, 0.2582, 0.2637
Android (android.graphics.Color)	4288525801 (0xFF9DB5E9)
YUV	179.7520, 26.2513, -19.9535
Hunter-Lab	67.8963, -0.1542, -25.4844

Details

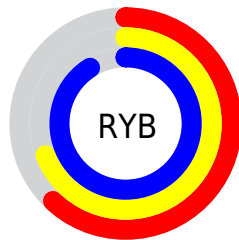
The Hex color **9DB5E9** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E9D19D**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **D5EDFF**, and **6780B1** is the 20% darker color. If you saturate the color by 10%, you get **86A5E9**, and if you desaturate by 10%, it is **B4C5E9**.

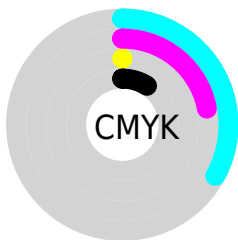
Distribution



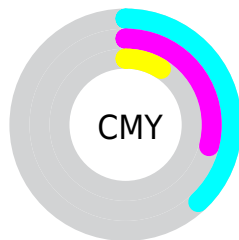
- Red (62%)
- Green (71%)
- Blue (91%)



- Red (62%)
- Yellow (69%)
- Blue (91%)



- Cyan (33%)
- Magenta (22%)
- Yellow (0%)
- Black (9%)



- Cyan (38%)
- Magenta (29%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DB5E9 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 9DB5E9 by changing the saturation by 10% instead.

■ 9DB5E9

■ 9DB5E9

FFFFFF

■ 829ACD

■ D5EDFF

■ 6780B1

■ F2FFFF

■ 4D6796

■ 334F7C

■ 163963

■ 00244B

■ 000E34

■ 00021E

■ 000001

■ 9DB5E9

■ 9DB5E9

■ 86A5E9

■ B4C5E9

■ 6E95E9

■ CCD5E9

■ 5785E9

■ E3E5E9

■ 4075E9

■ FAF5E9

■ 2865E9

■ FFFFE9

■ 1155E9

■ 004AE9

Harmonies

Analogous

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



78BDE5



9DB5E9



C1ACDF

Triad

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



9DB5E9



E8A596



85C2A0

Complementary

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



9DB5E9



E9D19D

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.



A4BD8A



9DB5E9



D9AC84

Square

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



9DB5E9



EAA1AF



C1B580



6CC4BB

Rectangle

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



9DB5E9



D5A6D2



C1B580



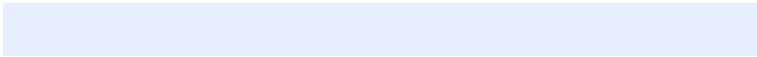
8FC198

Sweetspot

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



9DB5E9



E6EEFF



9DE9D1



707580



000000



808080

Same Dimension

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



9DB5E9



9CBBFF



AB9DE9



6A6D75



0039B5



001136

Inverse Universe

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



E99DB5



FF9CBB



DBE99D



756A6D



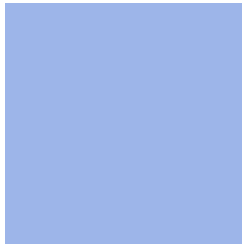
B50039



360011

Previews

White Background



This preview shows how the Hex color 9DB5E9 looks on a white background.

Color Contrast Check

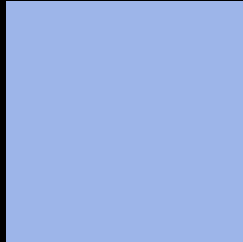
Large Text (above 18pt) WCAG AA × Fail

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 9DB5E9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

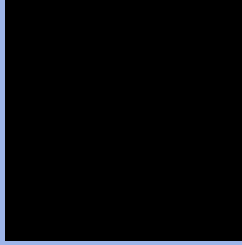
Any Text WCAG AA ✓ Pass

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 9DB5E9 Background



This preview shows how black text looks on a background with the Hex color 9DB5E9.



This preview shows how white text looks on a background with the Hex color 9DB5E9.

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



Original Color
9DB5E9

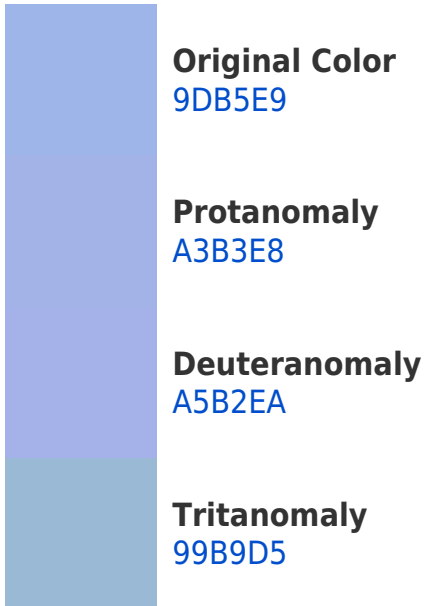
Protanopia
A7B2E7

Deuteranopia
AAB1EA

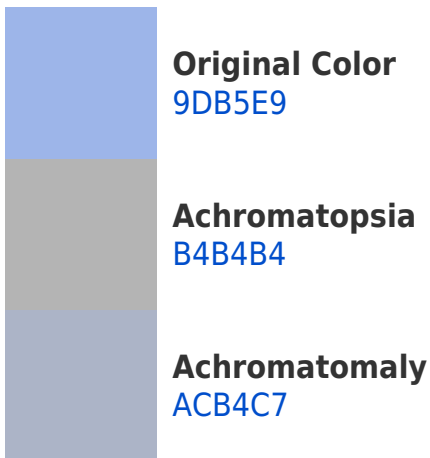


Tritanopia
96BBCA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9DB5E9 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 #9DB5E9 looks like.

```
.text, #text, p{  
    color:#9DB5E9  
}
```

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 #9DB5E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DB5E9
}
```

Border

The CSS property to change the border of an element to Hex 9DB5E9 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
#9DB5E9 }
```

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

```
.border{ border-color:#9DB5E9 }
```

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

Here you see how a box with a 4 pixel #9DB5E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DB5E9; -webkit-box-shadow:4px 4px  
4px 4px #9DB5E9; box-shadow:4px 4px 4px  
4px #9DB5E9 }
```

Background

The CSS property to change the background color of an element to Hex 9DB5E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DB5E9 }
```

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

```
.background{ background-color:#9DB5E9 }
```

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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