

Converting Colors

Hex(9EB5DB)

Have a look what the booklet for
Hex(9EB5DB) contains.

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Color

Hex(9EB5DB)

Conversions

Conversions Part 1

Format	Color
Hex	9EB5DB
RGB	158, 181, 219
RGB Percent	62%, 71%, 86%
CMY	0.3804, 0.2902, 0.1412
CMYK	0.28, 0.17, 0.00, 0.14
HSL	217°, 46%, 74%
HSV	217°, 28%, 86%
XYZ	43.4106, 45.4313, 73.4990
YIQ	178.4550, -25.9060, 6.9420

Conversions

Conversions Part 2

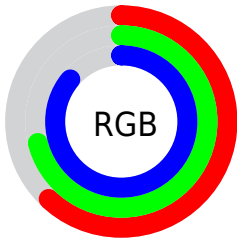
Format	Color
RYB	158, 175, 219
Decimal	10401243
CIELab	73.17, 0.68, -21.69
CIELCh	73, 21.704, 271.795
Yxy	45.4313, 0.2674, 0.2799
Android (android.graphics.Color)	4288591323 (0xFF9EB5DB)
YUV	178.4550, 19.9887, -17.9390
Hunter-Lab	67.4028, -2.9923, -17.4705

Details

The Hex color **9EB5DB** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **DBC49E**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **D6EDFF**, and **6980A4** is the 20% darker color. If you saturate the color by 10%, you get **88A7DB**, and if you desaturate by 10%, it is **B4C3DB**.

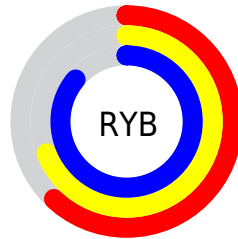
Distribution



Red (62%)

Green (71%)

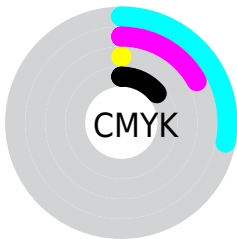
Blue (86%)



Red (62%)

Yellow (69%)

Blue (86%)

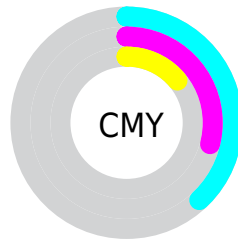


Cyan (28%)

Magenta (17%)

Yellow (0%)

Black (14%)



Cyan (38%)

Magenta (29%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EB5DB 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 9EB5DB by changing the saturation by 10% instead.

 9EB5DB

 9EB5DB

FFFFFF

 839ABF

 D6EDFF

 6980A4

 F2FFFF

 50678A

 374F70

 1E3957

 002340

 000D2A

 000115

 000000

■ 9EB5DB

■ 9EB5DB

■ 88A7DB

■ B4C3DB

■ 729ADB

■ CAD0DB

■ 5C8CDB

■ E0DEDB

■ 467EDB

■ F6ECDB

■ 3171DB

■ FFF9DB

■ 1B63DB

■ FFFFDB

■ 0556DB

■ 0053DB

Harmonies

Analogous

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



87BBD6



9EB5DB



B9AED5

Triad

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



9EB5DB



DCA7A0



95BDA0

Complementary

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



9EB5DB



DBC49E

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.



ACB992



9EB5DB



D3AC91

Square

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



9EB5DB



DBA6B3



C2B38C



83BFB4

Rectangle

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



9EB5DB



C8AACC



C2B38C



9DBC9B

Sweetspot

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



9EB5DB



EBF2FF



9EDBC4



737880



000000



808080

Same Dimension

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



9EB5DB



ABCBFF



A59EDB



63676E



0041AD



00112E

Inverse Universe

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



DB9EB5



FFABCB



D4DB9E



6E6367



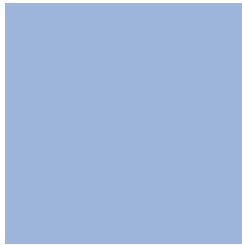
AD0041



2E0011

Previews

White Background



This preview shows how the Hex color 9EB5DB looks on a white background.

Color Contrast Check

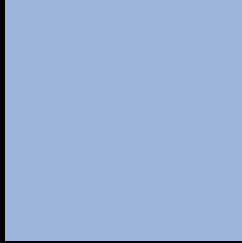
Large Text (above 18pt) WCAG AA × Fail

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 9EB5DB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

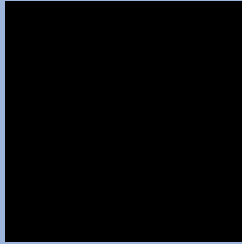
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

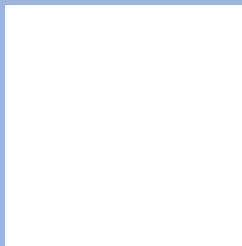
Any Text WCAG AAA ✓ Pass

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

Hex 9EB5DB Background



This preview shows how black text looks on a background with the Hex color 9EB5DB.



This preview shows how white text looks on a background with the Hex color 9EB5DB.

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
9EB5DB

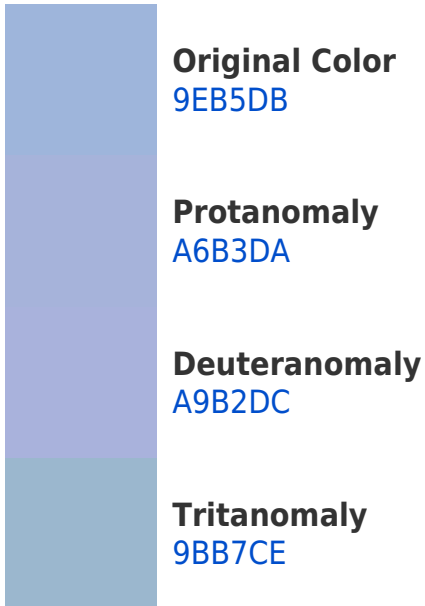
Protanopia
ABB2D9

Deuteranopia
B0B0DC

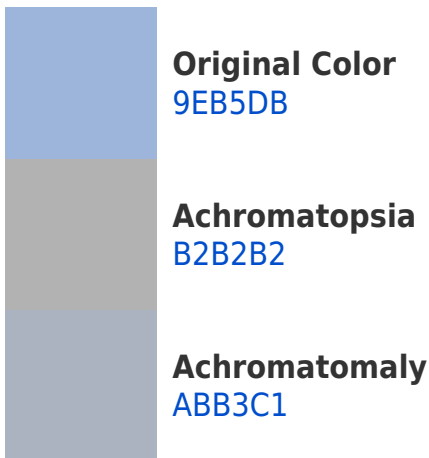


Tritanopia
9AB8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9EB5DB 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 #9EB5DB looks like.

```
.text, #text, p{  
    color:#9EB5DB  
}
```

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 #9EB5DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EB5DB  
}
```

Border

The CSS property to change the border of an element to Hex 9EB5DB 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  
#9EB5DB }
```

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

```
.border{ border-color:#9EB5DB }
```

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

Here you see how a box with a 4 pixel #9EB5DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EB5DB; -webkit-box-shadow:4px 4px  
4px 4px #9EB5DB; box-shadow:4px 4px 4px  
4px #9EB5DB }
```

Background

The CSS property to change the background color of an element to Hex 9EB5DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EB5DB }
```

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

```
.background{ background-color:#9EB5DB }
```

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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