

Converting Colors

Hex(9AB7E5)

Have a look what the booklet for
Hex(9AB7E5) contains.

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Color

Hex(9AB7E5)

Conversions

Conversions Part 1

Format	Color
Hex	9AB7E5
RGB	154, 183, 229
RGB Percent	60%, 72%, 90%
CMY	0.3961, 0.2824, 0.1020
CMYK	0.33, 0.20, 0.00, 0.10
HSL	217°, 59%, 75%
HSV	217°, 33%, 90%
XYZ	44.4028, 46.3941, 80.7434
YIQ	179.5730, -32.0500, 8.1580

Conversions

Conversions Part 2

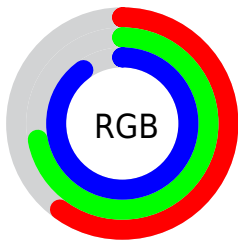
Format	Color
RYB	154, 175, 229
Decimal	10139621
CIELab	73.80, 0.89, -26.20
CIElCh	74, 26.215, 271.956
Yxy	46.3941, 0.2588, 0.2705
Android (android.graphics.Color)	4288329701 (0xFF9AB7E5)
YUV	179.5730, 24.3675, -22.4275
Hunter-Lab	68.1132, -2.8347, -22.6048

Details

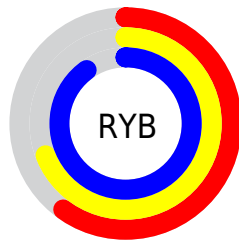
The Hex color **9AB7E5** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E5C89A**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **D2EFFF**, and **6482AD** is the 20% darker color. If you saturate the color by 10%, you get **83A9E5**, and if you desaturate by 10%, it is **B1C5E5**.

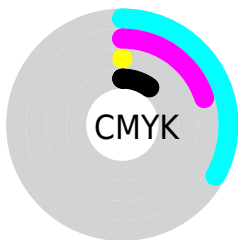
Distribution



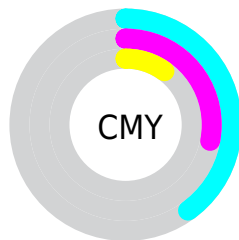
- Red (60%)
- Green (72%)
- Blue (90%)



- Red (60%)
- Yellow (69%)
- Blue (90%)



- Cyan (33%)
- Magenta (20%)
- Yellow (0%)
- Black (10%)



- Cyan (40%)
- Magenta (28%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AB7E5 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 9AB7E5 by changing the saturation by 10% instead.

■ 9AB7E5

FFFFFF

■ D2EFFF

■ EFFFFFF

■ 9AB7E5

■ 7F9CC9

■ 6482AD

■ 4A6993

■ 305179

■ 133A60

■ 002548

■ 001031

■ 00011C

■ 000000

 9AB7E5

 9AB7E5

 83A9E5

 B1C5E5

 6C9BE5

 C8D3E5

 558DE5


 DFE1E5

 3E7FE5

 F6EFE5

 2871E5

 FFFDE5

 1163E5

 FFFF E5

 0059E5

Harmonies

Analogous

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



7CBEDF



9AB7E5



BBAFDE

Triad

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



9AB7E5



E5A69D



90C19E

Complementary

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



9AB7E5



E5C89A

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.



ABBC8C



9AB7E5



DAAC8C

Square

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



9AB7E5



E4A4B5



C5B485



78C3B6

Rectangle

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



9AB7E5



CEA9D3



C5B485



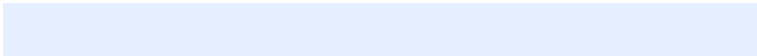
99BF97

Sweetspot

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



9AB7E5



E6EFFF



9AE5C7



707680



000000



808080

Same Dimension

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



9AB7E5



9CC2FF



A29AE5



676C73



0045B3



001433

Inverse Universe

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



E59AB7



FF9CC2



DEE59A



73676C



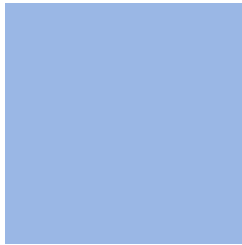
B30045



330014

Previews

White Background



This preview shows how the Hex color 9AB7E5 looks on a white background.

Color Contrast Check

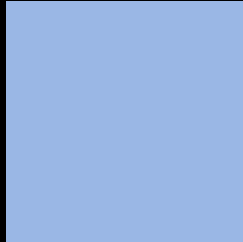
Large Text (above 18pt) WCAG AA × Fail

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 9AB7E5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

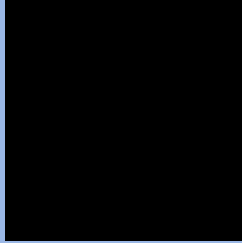
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

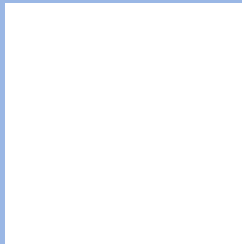
Any Text WCAG AAA ✓ Pass

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

Hex 9AB7E5 Background



This preview shows how black text looks on a background with the Hex color 9AB7E5.

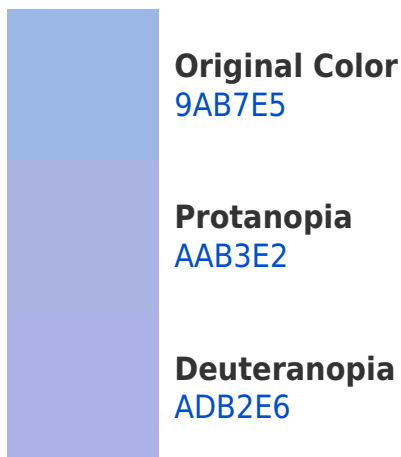


This preview shows how white text looks on a background with the Hex color 9AB7E5.

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](#).

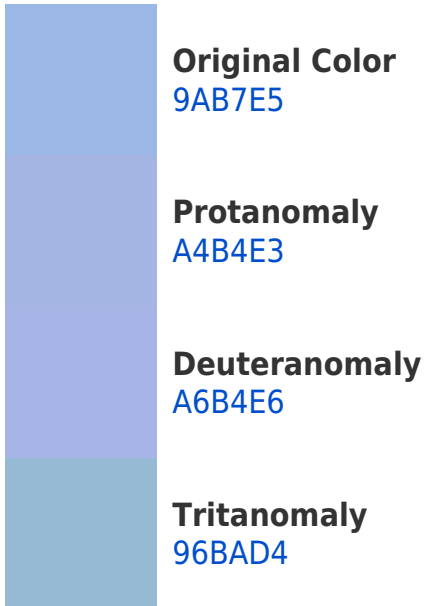
Dichromacy



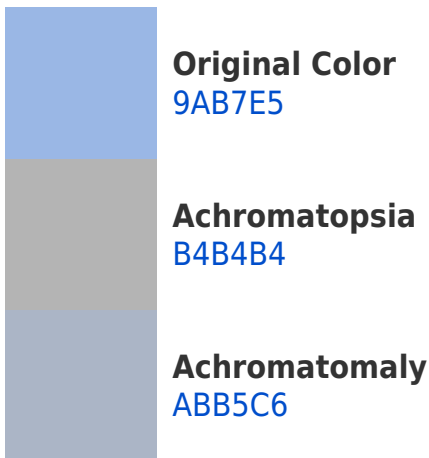


Tritanopia
94BCCB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9AB7E5 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 #9AB7E5 looks like.

```
.text, #text, p{  
    color:#9AB7E5  
}
```

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 #9AB7E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AB7E5
}
```

Border

The CSS property to change the border of an element to Hex 9AB7E5 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
#9AB7E5 }
```

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

```
.border{ border-color:#9AB7E5 }
```

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

Here you see how a box with a 4 pixel #9AB7E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AB7E5; -webkit-box-shadow:4px 4px  
4px 4px #9AB7E5; box-shadow:4px 4px 4px  
4px #9AB7E5 }
```

Background

The CSS property to change the background color of an element to Hex 9AB7E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AB7E5 }
```

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

```
.background{ background-color:#9AB7E5 }
```

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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