

Converting Colors

Hex(9AB0E2)

Have a look what the booklet for
Hex(9AB0E2) contains.

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Color

Hex(9AB0E2)

Conversions

Conversions Part 1

Format	Color
Hex	9AB0E2
RGB	154, 176, 226
RGB Percent	60%, 69%, 89%
CMY	0.3961, 0.3098, 0.1137
CMYK	0.32, 0.22, 0.00, 0.11
HSL	222°, 55%, 75%
HSV	222°, 32%, 89%
XYZ	42.5792, 43.4117, 78.0866
YIQ	175.1220, -29.1620, 10.8860

Conversions

Conversions Part 2

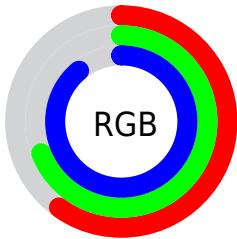
Format	Color
RYB	154, 171, 226
Decimal	10137826
CIELab	71.83, 3.99, -27.58
CIElCh	72, 27.870, 278.227
Yxy	43.4117, 0.2595, 0.2646
Android (android.graphics.Color)	4288327906 (0xFF9AB0E2)
YUV	175.1220, 25.0829, -18.5240
Hunter-Lab	65.8875, 0.0508, -24.1463

Details

The Hex color **9AB0E2** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E2CC9A**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **D2E7FF**, and **657CAB** is the 20% darker color. If you saturate the color by 10%, you get **83A0E2**, and if you desaturate by 10%, it is **B1C0E2**.

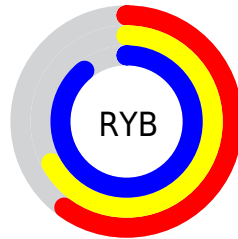
Distribution



Red (60%)

Green (69%)

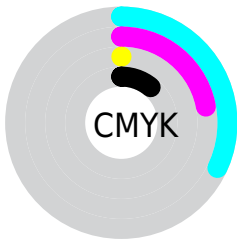
Blue (89%)



Red (60%)

Yellow (67%)

Blue (89%)

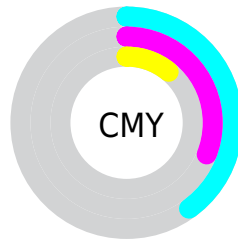


Cyan (32%)

Magenta (22%)

Yellow (0%)

Black (11%)



Cyan (40%)

Magenta (31%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AB0E2 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 9AB0E2 by changing the saturation by 10% instead.

■ 9AB0E2

■ 9AB0E2

FFFFFF

■ 7F95C6

■ D2E7FF

■ 657CAB

■ EFFFFFF

■ 4B6390

■ 314B76

■ 15355D

■ 002045

■ 00072F

■ 000119

■ 000000

 9AB0E2

 9AB0E2

 83A0E2

 B1C0E2

 6D91E2

 C7CFE2

 5681E2

 DEDFE2

 4071E2

 F4EFE2

 2962E2

 FFFEE2

 1252E2

 FFFF2

 0045E2

Harmonies

Analogous

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



77B8DF



9AB0E2



BDA7D8

Triad

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



9AB0E2



E1A192



82BD9C

Complementary

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



9AB0E2



E2CC9A

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.



9FB887



9AB0E2



D3A881

Square

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



9AB0E2



E39DAA



BBB17E



6ABEB6

Rectangle

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



9AB0E2



CFA2CB



BBB17E



8CBB95

Sweetspot

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



9AB0E2



E6EDFF



9AE2CB



707580



000000



808080

Same Dimension

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



9AB0E2



9EBCFF



A79AE2



656870



0036B0



000F30

Inverse Universe

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



E29AB0



FF9EBC



D5E29A



706568



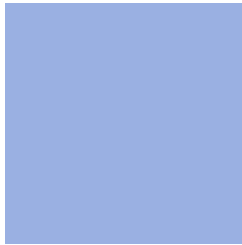
B00036



30000F

Previews

White Background



This preview shows how the Hex color 9AB0E2 looks on a white background.

Color Contrast Check

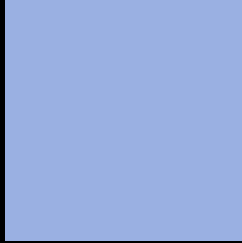
Large Text (above 18pt) WCAG AA × Fail

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 9AB0E2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

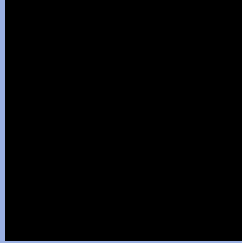
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

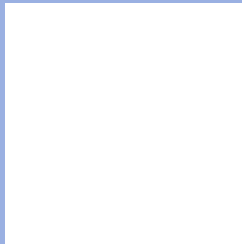
Any Text WCAG AAA ✓ Pass

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

Hex 9AB0E2 Background



This preview shows how black text looks on a background with the Hex color 9AB0E2.



This preview shows how white text looks on a background with the Hex color 9AB0E2.

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
9AB0E2

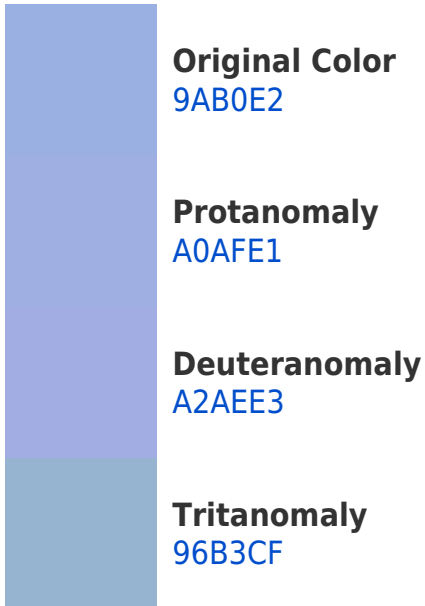
Protanopia
A3AEE0

Deuteranopia
A6ADE3

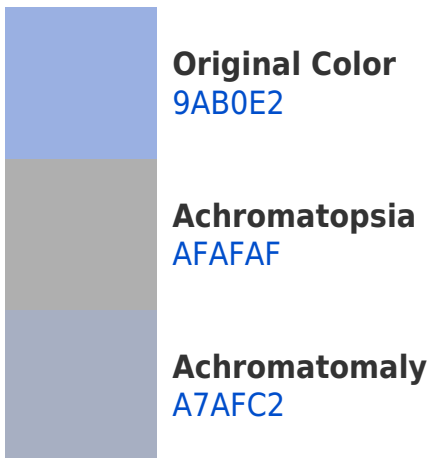


Tritanopia
93B5C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9AB0E2 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 #9AB0E2 looks like.

```
.text, #text, p{  
    color:#9AB0E2  
}
```

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 #9AB0E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AB0E2
}
```

Border

The CSS property to change the border of an element to Hex 9AB0E2 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
#9AB0E2 }
```

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

```
.border{ border-color:#9AB0E2 }
```

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

Here you see how a box with a 4 pixel #9AB0E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AB0E2; -webkit-box-shadow:4px 4px  
4px 4px #9AB0E2; box-shadow:4px 4px 4px  
4px #9AB0E2 }
```

Background

The CSS property to change the background color of an element to Hex 9AB0E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AB0E2 }
```

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

```
.background{ background-color:#9AB0E2 }
```

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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