

# Converting Colors

Hex(9AB5B0)

Have a look what the booklet for  
Hex(9AB5B0) contains.

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# **Color**

**Hex(9AB5B0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9AB5B0
RGB	154, 181, 176
RGB Percent	60%, 71%, 69%
CMY	0.3961, 0.2902, 0.3098
CMYK	0.15, 0.00, 0.03, 0.29
HSL	169°, 15%, 66%
HSV	169°, 15%, 71%
XYZ	37.6868, 43.0524, 47.3979
YIQ	172.3570, -14.4870, -7.2790

# Conversions

## Conversions Part 2

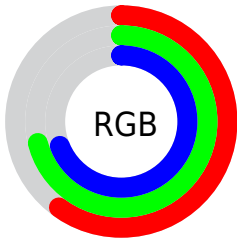
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 169, 181
Decimal	10139056
CIELab	71.59, -10.22, -0.56
CIELCh	72, 10.233, 183.124
Yxy	43.0524, 0.2941, 0.3360
Android (android.graphics.Color)	4288329136 (0xFF9AB5B0)
YUV	172.3570, 1.7960, -16.0991
Hunter-Lab	65.6143, -12.3003, 3.1006

# Details

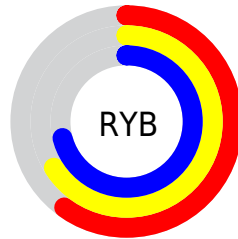
The Hex color **9AB5B0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B59A9F**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **D1EDE8**, and **67807C** is the 20% darker color. If you saturate the color by 10%, you get **88B5AD**, and if you desaturate by 10%, it is **ACB5B3**.

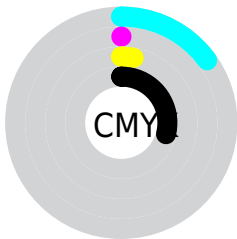
# Distribution



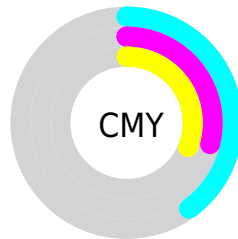
- Red (60%)
- Green (71%)
- Blue (69%)



- Red (60%)
- Yellow (66%)
- Blue (71%)



- Cyan (15%)
- Magenta (0%)
- Yellow (3%)
- Black (29%)



- Cyan (40%)
- Magenta (29%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9AB5B0 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 9AB5B0 by changing the saturation by 10% instead.





9AB5B0



9AB5B0

FFFFFF



809A95



D1EDE8



67807C



EDFFFF



4E6763



374F4B



213834



0B231F



000B07



000000



9AB5B0



9AB5B0

88B5AD

ACB5B3

76B5A9

BEB5B7

64B5A6

D0B5BA

52B5A3

E2B5BD

3FB59F

F4B5C1

2DB59C

FFB5C4

1BB599

FFB5C7

09B595

FFB5CB

00B593

FFB5CE

# Harmonies

## Analogous

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



A1B4A7



9AB5B0



98B4B9

# Triad

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



9AB5B0



B3ADB5



BFAC9F

# Complementary

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



9AB5B0



B59A9F

# 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.



C3AAA6



9AB5B0



BDAAB8

# Square

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



9AB5B0



A7B0C2



C3A9AF



B6AF9D

# Rectangle

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



9AB5B0



9BB3BE



C3A9AF



C1ABA1



# Sweetspot

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



9AB5B0



E1EBE9



9FB59A



6F7574



F5F5F5



757575



# Same Dimension

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



9AB5B0



C0EBE3



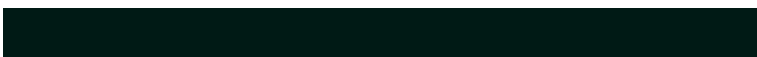
9AADB5



505958



00997D



001A15



# Inverse Universe

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



B59A9F



EBC0C8



B5A29A



595052



99001C



1A0005



# Previews

## White Background



This preview shows how the Hex color 9AB5B0 looks on a white background.

## Color Contrast Check

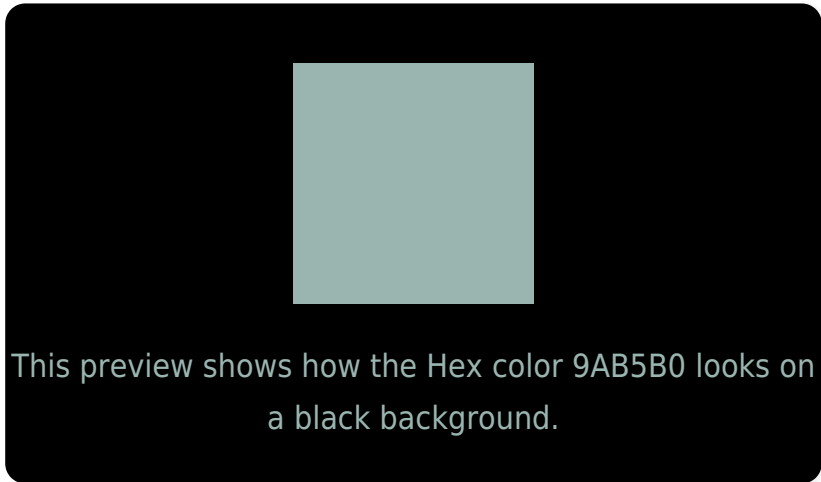
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

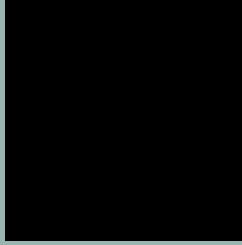
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

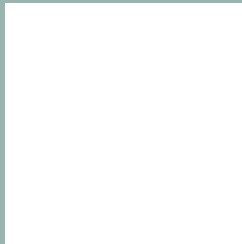
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9AB5B0 Background



This preview shows how black text looks on a background with the Hex color 9AB5B0.

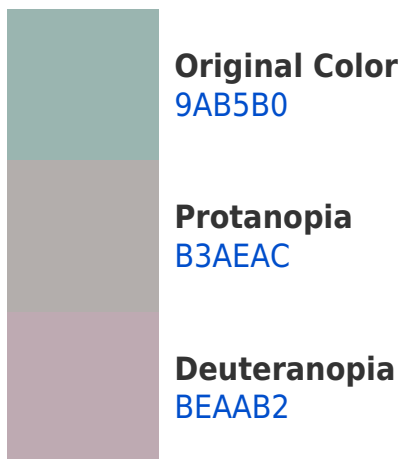


This preview shows how white text looks on a background with the Hex color 9AB5B0.

# 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



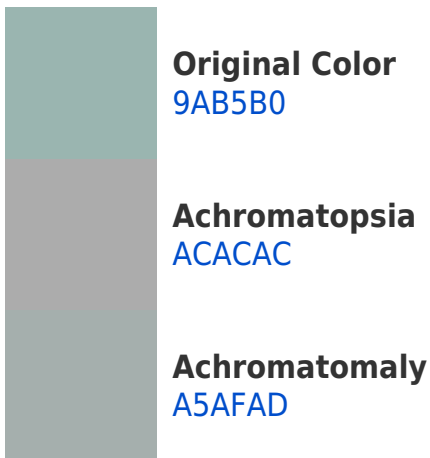


**Tritanopia**  
9DB2C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9AB5B0 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 #9AB5B0 looks like.

```
.text, #text, p{  
    color:#9AB5B0  
}
```

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 #9AB5B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AB5B0  
}
```

## Border

The CSS property to change the border of an element to Hex 9AB5B0 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  
#9AB5B0 }
```

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

```
.border{ border-color:#9AB5B0 }
```

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

Here you see how a box with a 4 pixel #9AB5B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AB5B0; -webkit-box-shadow:4px 4px  
4px 4px #9AB5B0; box-shadow:4px 4px 4px  
4px #9AB5B0 }
```

# Background

The CSS property to change the background color of an element to Hex 9AB5B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AB5B0 }
```

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

```
.background{ background-color:#9AB5B0 }
```

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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