

# Converting Colors

Hex(9AB7B3)

Have a look what the booklet for  
Hex(9AB7B3) contains.

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# **Color**

**Hex(9AB7B3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9AB7B3
RGB	154, 183, 179
RGB Percent	60%, 72%, 70%
CMY	0.3961, 0.2824, 0.2980
CMYK	0.16, 0.00, 0.02, 0.28
HSL	172°, 17%, 66%
HSV	172°, 16%, 72%
XYZ	38.3966, 43.9917, 49.1154
YIQ	173.8730, -16.0000, -7.3920

# Conversions

## Conversions Part 2

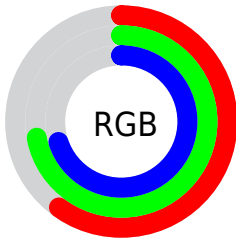
Format	Color
<a href="#">RYB</a>	<a href="#">154, 170, 183</a>
Decimal	<a href="#">10139571</a>
CIELab	<a href="#">72.22, -10.65, -1.28</a>
CIELCh	<a href="#">72, 10.728, 186.833</a>
Yxy	<a href="#">43.9917, 0.2920, 0.3345</a>
Android (android.graphics.Color)	<a href="#">4288329651 (0xFF9AB7B3)</a>
YUV	<a href="#">173.8730, 2.5276, -17.4286</a>
Hunter-Lab	<a href="#">66.3262, -12.7363, 2.5234</a>

# Details

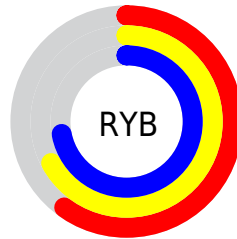
The Hex color **9AB7B3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B79A9E**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **D1EFEB**, and **66827E** is the 20% darker color. If you saturate the color by 10%, you get **88B7B0**, and if you desaturate by 10%, it is **ACB7B6**.

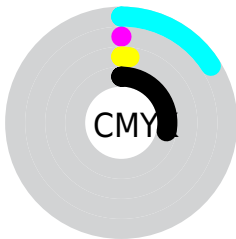
# Distribution



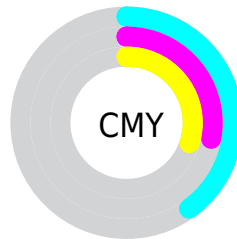
- Red (60%)
- Green (72%)
- Blue (70%)



- Red (60%)
- Yellow (67%)
- Blue (72%)



- Cyan (16%)
- Magenta (0%)
- Yellow (2%)
- Black (28%)



- Cyan (40%)
- Magenta (28%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9AB7B3 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 9AB7B3 by changing the saturation by 10% instead.



 9AB7B3

 9AB7B3

FFFFFF

 809C98

 D1EFEB

 66827E

 EDFFFF

 4E6965

 37514D

 203A37

 0A2421

 000F0B

 000000

 9AB7B3

 9AB7B3

88B7B0

ACB7B6

75B7AE

BFB7B8

63B7AB

D1B7BB

51B7A9

E3B7BD

3EB7A6

F6B7C0

2CB7A4

FFB7C2

1AB7A1

FFB7C5

08B79F

FFB7C7

00B79E

FFB7CA

# Harmonies

## Analogous

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



A1B6A9



9AB7B3



99B6BC

# Triad

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



9AB7B3



B6AEC1



C0AE9F

# Complementary

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



9AB7B3



B79A9E

# 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.



C6ABA6



9AB7B3



C0ABB9

# Square

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



9AB7B3



AAB1C4



C6AAAF



B7B19E

# Rectangle

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



9AB7B3



9CB5C1



C6AAAF



C3ADA1



# Sweetspot

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



9AB7B3



E1EDEC



9EB79A



717877



F7F7F7



787878



# Same Dimension

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



9AB7B3



C0EDE7



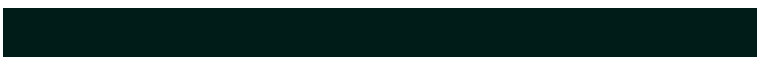
9AADB7



535C5B



009C86



001C18



# Inverse Universe

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



B79A9E



EDC0C6



B7A49A



5C5354



9C0015



1C0004



# Previews

## White Background



This preview shows how the Hex color 9AB7B3 looks on a white background.

## Color Contrast Check

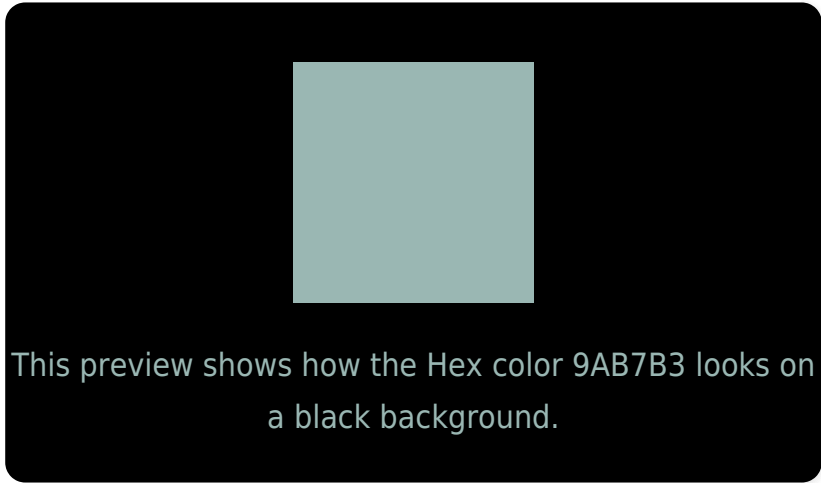
Large Text (above 18pt) WCAG AA × Fail

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

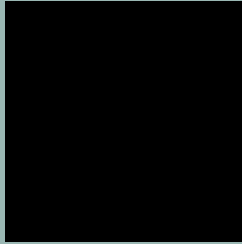
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9AB7B3 Background



This preview shows how black text looks on a background with the Hex color 9AB7B3.

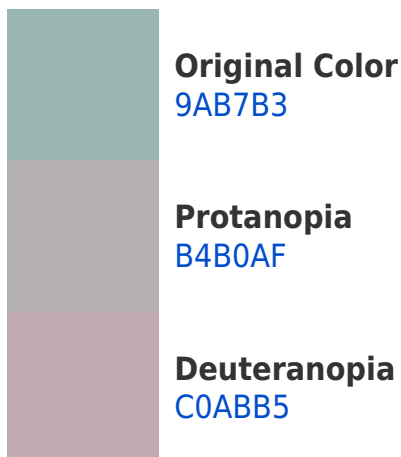


This preview shows how white text looks on a background with the Hex color 9AB7B3.

# 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](#).

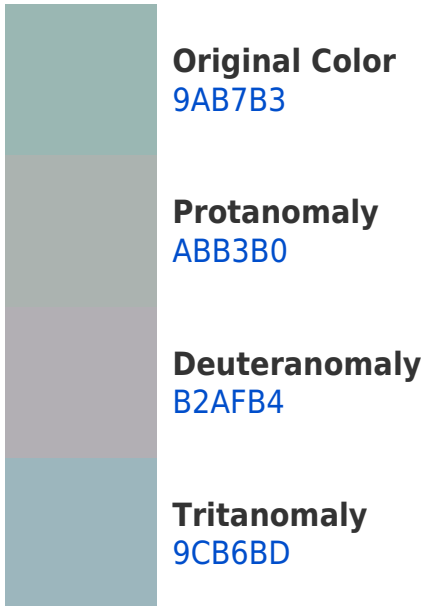
## Dichromacy





**Tritanopia**  
9DB5C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9AB7B3 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 #9AB7B3 looks like.

```
.text, #text, p{  
    color:#9AB7B3  
}
```

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 #9AB7B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AB7B3
}
```

## Border

The CSS property to change the border of an element to Hex 9AB7B3 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
#9AB7B3 }
```

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

```
.border{ border-color:#9AB7B3 }
```

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

Here you see how a box with a 4 pixel #9AB7B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AB7B3; -webkit-box-shadow:4px 4px  
4px 4px #9AB7B3; box-shadow:4px 4px 4px  
4px #9AB7B3 }
```

# Background

The CSS property to change the background color of an element to Hex 9AB7B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AB7B3 }
```

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

```
.background{ background-color:#9AB7B3 }
```

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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