

# Converting Colors

Hex(9AACB9)

Have a look what the booklet for  
Hex(9AACB9) contains.

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# **Color**

**Hex(9AACB9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9AACB9
RGB	154, 172, 185
RGB Percent	60%, 67%, 73%
CMY	0.3961, 0.3255, 0.2745
CMYK	0.17, 0.07, 0.00, 0.27
HSL	205°, 18%, 66%
HSV	205°, 17%, 73%
XYZ	36.8359, 39.8779, 51.6547
YIQ	168.1000, -14.9010, 0.2270

# Conversions

## Conversions Part 2

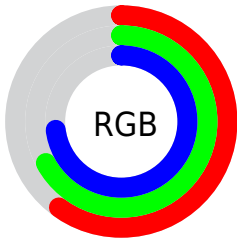
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 165, 185
Decimal	10136761
CIELab	69.38, -3.49, -8.77
CIELCh	69, 9.440, 248.331
Yxy	39.8779, 0.2870, 0.3107
Android (android.graphics.Color)	4288326841 (0xFF9AACB9)
YUV	168.1000, 8.3317, -12.3657
Hunter-Lab	63.1489, -6.3883, -4.2939

# Details

The Hex color **9AACB9** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B9A79A**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **D1E3F1**, and **677884** is the 20% darker color. If you saturate the color by 10%, you get **88A4B9**, and if you desaturate by 10%, it is **ADB4B9**.

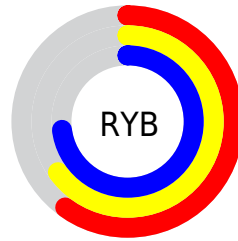
# Distribution



Red (60%)

Green (67%)

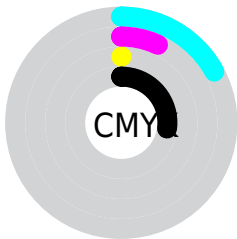
Blue (73%)



Red (60%)

Yellow (65%)

Blue (73%)

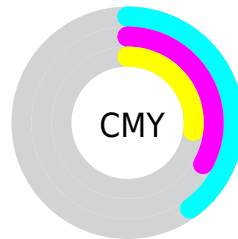


Cyan (17%)

Magenta (7%)

Yellow (0%)

Black (27%)



Cyan (40%)

Magenta (33%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9AACB9 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 9AACB9 by changing the saturation by 10% instead.



■ 9AACB9

■ 9AACB9

FFFFFF

■ 80919E

■ D1E3F1

■ 677884

■ EDFFFF

■ 4E5F6B

■ 374753

■ 21313C

■ 0B1C26

■ 000111

■ 000000

■ 9AACB9

■ 9AACB9

88A4B9

ADB4B9

759CB9

BFBCB9

6395B9

D2C3B9

508DB9

E4CBB9

3D85B9

F6D3B9

2B7DB9

FFDDB9

1876B9

FFE2B9

066EB9

FFEAB9

006BB9

FFF2B9

# Harmonies

## Analogous

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



95AEB4



9AACB9



A3A9BA

# Triad

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



9AACB9



BCA4A7



A4AC9C

# Complementary

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



9AACB9



B9A79A

# 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.



AEEA99



9AACB9



BBA59F

# Square

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



9AACB9



B7A4B0



B6A79A



9BAEA3

# Rectangle

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



9AACB9



ABA7B8



B6A79A



A8AB9A



# Sweetspot

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



9AACB9



E4EBF0



9AB9A7



717578



F7F7F7



787878



# Same Dimension

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



9AACB9



C0DCF0



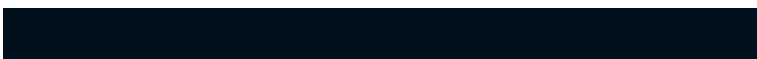
9A9DB9



53585C



005A9C



00101C



# Inverse Universe

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



B99AAC



F0C0DC



B9B69A



5C5358



9C005A

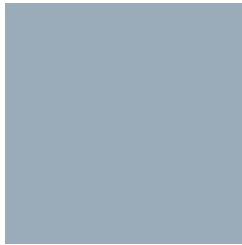


1C0010



# Previews

## White Background



This preview shows how the Hex color 9AACB9 looks on a white background.

## Color Contrast Check

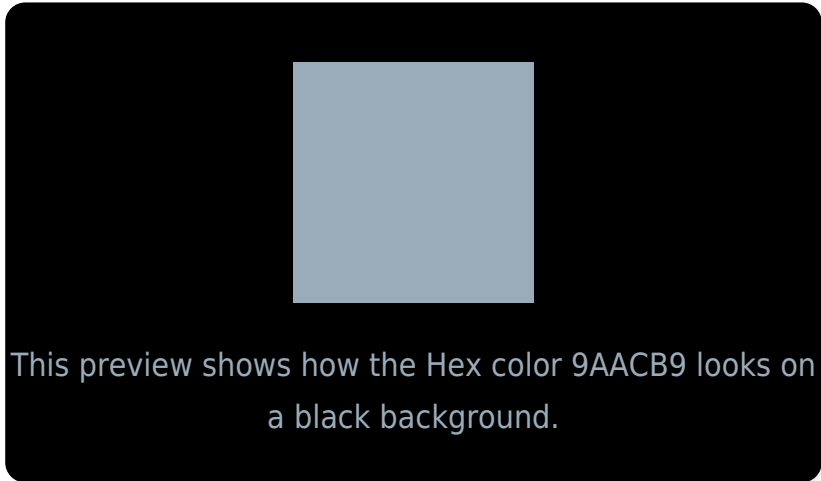
Large Text (above 18pt) WCAG AA × Fail

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

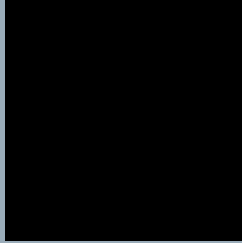
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

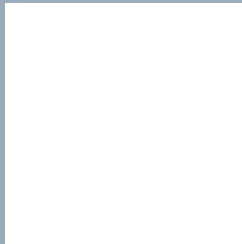
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9AACB9 Background



This preview shows how black text looks on a background with the Hex color 9AACB9.

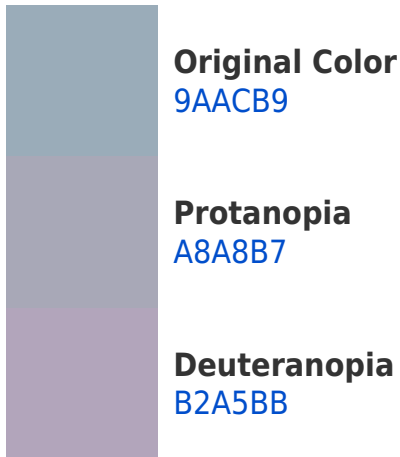


This preview shows how white text looks on a background with the Hex color 9AACB9.

# Color Blindness Simulation

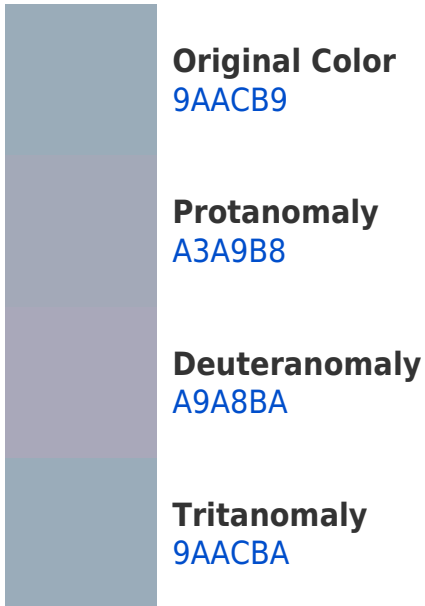
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

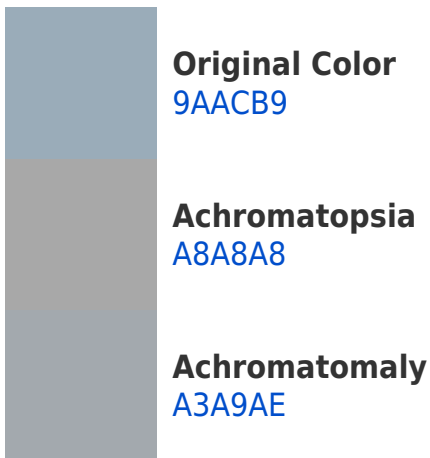




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9AACB9 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 #9AACB9 looks like.

```
.text, #text, p{  
    color:#9AACB9  
}
```

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 #9AACB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AACB9
}
```

## Border

The CSS property to change the border of an element to Hex 9AACB9 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
#9AACB9 }
```

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

```
.border{ border-color:#9AACB9 }
```

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

Here you see how a box with a 4 pixel #9AACB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AACB9; -webkit-box-shadow:4px 4px  
4px 4px #9AACB9; box-shadow:4px 4px 4px  
4px #9AACB9 }
```

# Background

The CSS property to change the background color of an element to Hex 9AACB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AACB9 }
```

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

```
.background{ background-color:#9AACB9 }
```

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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