

# Converting Colors

Hex(9EABC3)

Have a look what the booklet for  
Hex(9EABC3) contains.

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# Color

Hex(9EABC3)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9EABC3
RGB	158, 171, 195
RGB Percent	62%, 67%, 76%
CMY	0.3804, 0.3294, 0.2353
CMYK	0.19, 0.12, 0.00, 0.24
HSL	219°, 24%, 69%
HSV	219°, 19%, 76%
XYZ	38.5138, 40.3351, 57.3853
YIQ	169.8490, -15.4520, 4.7080

# Conversions

## Conversions Part 2

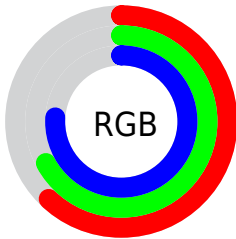
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	158, 168, 195
Decimal	10398659
CIE <sub>Lab</sub>	69.71, 0.57, -13.78
CIE <sub>LCh</sub>	70, 13.791, 272.353
Yxy	40.3351, 0.2827, 0.2961
Android (android.graphics.Color)	4288588739 (0xFF9EABC3)
YUV	169.8490, 12.3994, -10.3916
Hunter-Lab	63.5099, -2.8960, -9.1155

# Details

The Hex color **9EABC3** is a light color, and the websafe version is hex **999999**. A complement of this color would be **C3B69E**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **D5E2FC**, and **6A778D** is the 20% darker color. If you saturate the color by 10%, you get **8B9EC3**, and if you desaturate by 10%, it is **B2B8C3**.

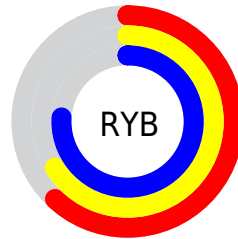
# Distribution



Red (62%)

Green (67%)

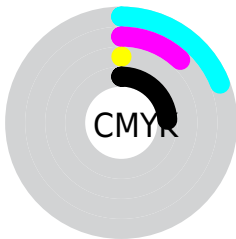
Blue (76%)



Red (62%)

Yellow (66%)

Blue (76%)

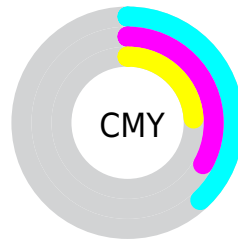


Cyan (19%)

Magenta (12%)

Yellow (0%)

Black (24%)



Cyan (38%)

Magenta (33%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9EABC3 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 9EABC3 by changing the saturation by 10% instead.





9EABC3



9EABC3

FFFFFF



8491A8



D5E2FC



6A778D



F1FFFF



525E74



3A475B



233044



0D1C2D



000119



000000



9EABC3



9EABC3

8B9EC3

B2B8C3

7792C3

C5C4C3

6485C3

D9D1C3

5078C3

ECDEC3

3D6CC3

FFEAC3

295FC3

FFF7C3

1652C3

FFFFC3

0246C3

0045C3

# Harmonies

## Analogous

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



90AFC0



9EABC3



AEA7BF

# Triad

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



9EABC3



C5A39D



97B09E

# Complementary

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



9EABC3



C3B69E

# 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.



A5AE95



9EABC3



BFA695

# Square

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



9EABC3



C4A2AA



B3AA91



8DB2AB

# Rectangle

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



9EABC3



B8A4BA



B3AA91



9CB09B

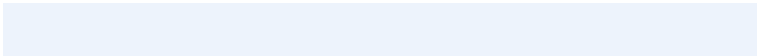


# Sweetspot

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



9EABC3



EDF3FC



9EC3B5



777A80



000000



808080



# Same Dimension

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



9EABC3



C2D7FC



A39EC3



575B61



0038A1



000C21



# Inverse Universe

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



C39EAB



FCC2D7



BEC39E



61575B



A10038

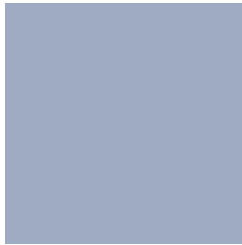


21000C



# Previews

## White Background



This preview shows how the Hex color 9EABC3 looks on a white background.

## Color Contrast Check

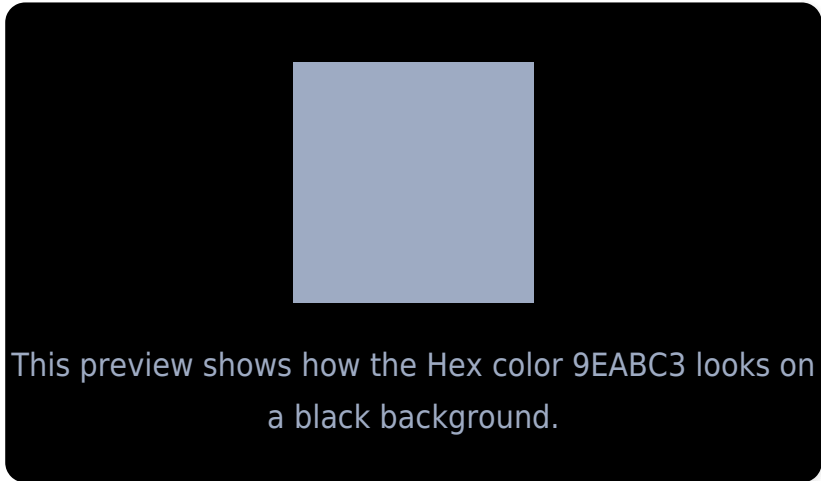
Large Text (above 18pt) WCAG AA × Fail

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

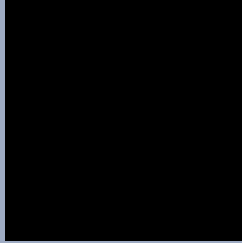
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

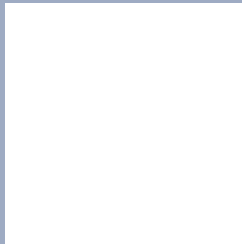
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9EABC3 Background



This preview shows how black text looks on a background with the Hex color 9EABC3.



This preview shows how white text looks on a background with the Hex color 9EABC3.

# 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



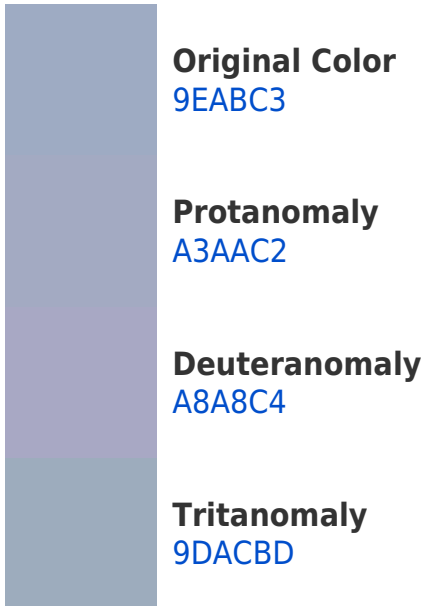
**Original Color**  
9EABC3

**Protanopia**  
A6A9C2

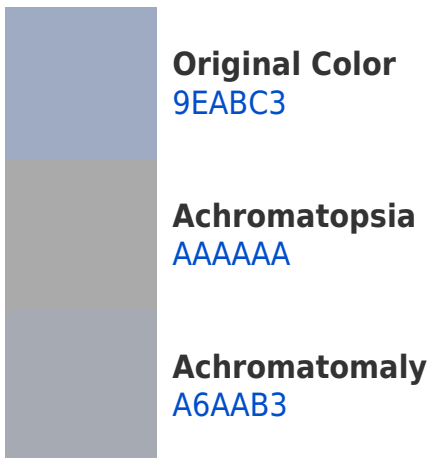
**Deuteranopia**  
AEA6C4



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9EABC3 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 #9EABC3 looks like.

```
.text, #text, p{  
    color:#9EABC3  
}
```

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 #9EABC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EABC3
}
```

## Border

The CSS property to change the border of an element to Hex 9EABC3 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
#9EABC3 }
```

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

```
.border{ border-color:#9EABC3 }
```

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

Here you see how a box with a 4 pixel #9EABC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EABC3; -webkit-box-shadow:4px 4px  
4px 4px #9EABC3; box-shadow:4px 4px 4px  
4px #9EABC3 }
```

# Background

The CSS property to change the background color of an element to Hex 9EABC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EABC3 }
```

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

```
.background{ background-color:#9EABC3 }
```

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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