

# Converting Colors

Hex(8A9AAB)

Have a look what the booklet for  
Hex(8A9AAB) contains.

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# **Color**

**Hex(8A9AAB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8A9AAB
RGB	138, 154, 171
RGB Percent	54%, 60%, 67%
CMY	0.4588, 0.3961, 0.3294
CMYK	0.19, 0.10, 0.00, 0.33
HSL	211°, 16%, 61%
HSV	211°, 19%, 67%
XYZ	29.3875, 31.4548, 43.0506
YIQ	151.1540, -14.9930, 1.8950

# Conversions

## Conversions Part 2

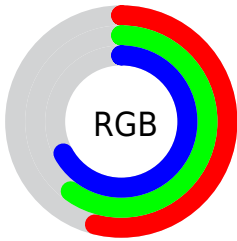
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	138, 149, 171
Decimal	9083563
CIE <sub>Lab</sub>	62.89, -1.94, -10.78
CIE <sub>LCh</sub>	63, 10.949, 259.784
Yxy	31.4548, 0.2829, 0.3028
Android (android.graphics.Color)	4287273643 (0xFF8A9AAB)
YUV	151.1540, 9.7841, -11.5361
Hunter-Lab	56.0845, -4.6164, -6.2519

# Details

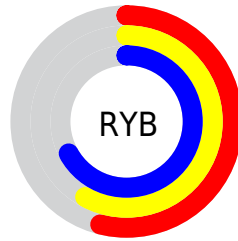
The Hex color **8A9AAB** is a light color, and the websafe version is hex **999999**. A complement of this color would be **AB9B8A**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **C0D0E2**, and **586777** is the 20% darker color. If you saturate the color by 10%, you get **7991AB**, and if you desaturate by 10%, it is **9BA3AB**.

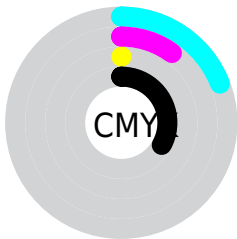
# Distribution



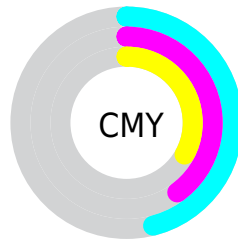
- Red (54%)
- Green (60%)
- Blue (67%)



- Red (54%)
- Yellow (58%)
- Blue (67%)



- Cyan (19%)
- Magenta (10%)
- Yellow (0%)
- Black (33%)



- Cyan (46%)
- Magenta (40%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A9AAB 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 8A9AAB by changing the saturation by 10% instead.





8A9AAB



8A9AAB

FFFFFF



708090



C0D0E2



586777



DCEDFF



404F5E



F8FFFF



293846



132330



000D1B



000000



8A9AAB



8A9AAB



7991AB



9BA3AB

6888AB

ACACAB

5780AB

BDB4AB

4677AB

CEBDAB

356EAB

DFC6AB

2365AB

F1CFAB

125CAB

FFD8AB

0154AB

FFE0AB

0053AB

FFE9AB

# Harmonies

## Analogous

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



829DA7



8A9AAB



9697AA

# Triad

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



8A9AAB



AD9292



8E9C8B

# Complementary

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



8A9AAB



AB9B8A

# 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.



999A86



8A9AAB



AB938A

# Square

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



8A9AAB



AA929C



A39685



849E94

# Rectangle

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



8A9AAB



9E95A7



A39685



929B89

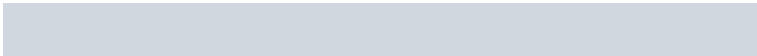


# Sweetspot

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



8A9AAB



D1D7DE



8AAB9A



686C70



F0F0F0



707070



# Same Dimension

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



8A9AAB



ABC4DE



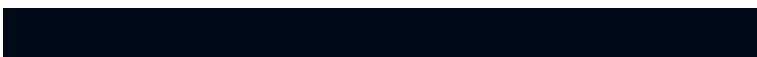
8A8AAB



4E5257



004996



000B17



# Inverse Universe

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



AB8A9A



DEABC4



ABAB8A



574E52



960049

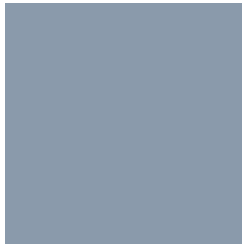


17000B



# Previews

## White Background



This preview shows how the Hex color 8A9AAB looks on a white background.

## Color Contrast Check

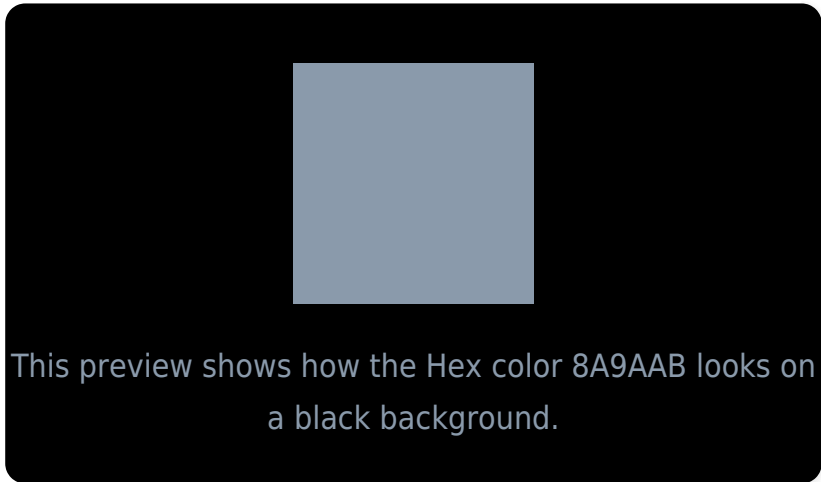
Large Text (above 18pt) WCAG AA × Fail

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

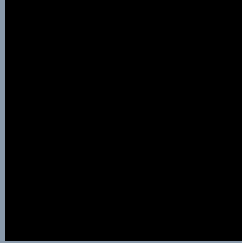
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

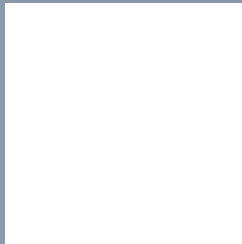
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8A9AAB Background



This preview shows how black text looks on a background with the Hex color 8A9AAB.



This preview shows how white text looks on a background with the Hex color 8A9AAB.

# 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**  
8A9AAB

**Protanopia**  
9697A9

**Deuteranopia**  
9D94AC



**Tritanopia**  
899BA7

# Trichromacy



**Original Color**  
8A9AAB

**Protanomaly**  
9298AA

**Deuteranomaly**  
9696AC

**Tritanomaly**  
899BA8

# Monochromacy



**Original Color**  
8A9AAB

**Achromatopsia**  
979797

**Achromatomaly**  
92989E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A9AAB 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 #8A9AAB looks like.

```
.text, #text, p{  
    color:#8A9AAB  
}
```

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 #8A9AAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A9AAB
}
```

## Border

The CSS property to change the border of an element to Hex 8A9AAB 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
#8A9AAB }
```

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

```
.border{ border-color:#8A9AAB }
```

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

Here you see how a box with a 4 pixel #8A9AAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A9AAB; -webkit-box-shadow:4px 4px  
4px 4px #8A9AAB; box-shadow:4px 4px 4px  
4px #8A9AAB }
```

# Background

The CSS property to change the background color of an element to Hex 8A9AAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A9AAB }
```

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

```
.background{ background-color:#8A9AAB }
```

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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