

# Converting Colors

Hex(9EA0A8)

Have a look what the booklet for  
Hex(9EA0A8) contains.

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# **Color**

**Hex(9EA0A8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9EA0A8
RGB	158, 160, 168
RGB Percent	62%, 63%, 66%
CMY	0.3804, 0.3725, 0.3412
CMYK	0.06, 0.05, 0.00, 0.34
HSL	228°, 5%, 64%
HSV	228°, 6%, 66%
XYZ	33.7392, 35.2379, 42.0691
YIQ	160.3140, -3.7600, 2.0640

# Conversions

## Conversions Part 2

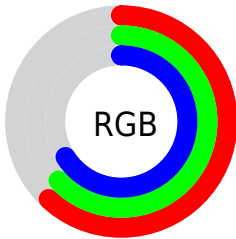
<b>Format</b>	<b>Color</b>
<b>RYB</b>	158, 160, 168
Decimal	10395816
CIELab	65.93, 0.87, -4.40
CIELCh	66, 4.488, 281.113
Yxy	35.2379, 0.3038, 0.3173
Android (android.graphics.Color)	4288585896 (0xFF9EA0A8)
YUV	160.3140, 3.7892, -2.0294
Hunter-Lab	59.3615, -2.4287, -0.4654

# Details

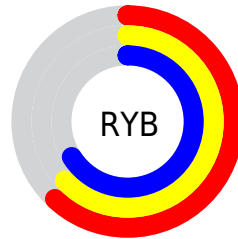
The Hex color **9EA0A8** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A8A69E**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **D5D7DF**, and **6B6D74** is the 20% darker color. If you saturate the color by 10%, you get **8D93A8**, and if you desaturate by 10%, it is **AFADA8**.

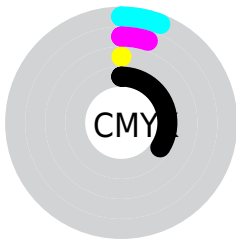
# Distribution



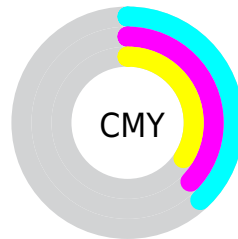
- Red (62%)
- Green (63%)
- Blue (66%)



- Red (62%)
- Yellow (63%)
- Blue (66%)



- Cyan (6%)
- Magenta (5%)
- Yellow (0%)
- Black (34%)



- Cyan (38%)
- Magenta (37%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9EA0A8 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 9EA0A8 by changing the saturation by 10% instead.





9EA0A8



9EA0A8

FFFFFF



84868E



D5D7DF



6B6D74



F1F3FC



52545B



3B3D44



26272E



111319



000000



9EA0A8



9EA0A8



8D93A8



AFADA8

 7C85A8

 C0BBA8

 6C78A8

 D0C8A8

 5B6AA8

 E1D6A8

 4A5DA8

 F2E3A8

 394FA8

 FFF1A8

 2842A8

 FFFEA8

 1834A8

 FFFFA8

 0727A8

# Harmonies

## Analogous

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



9AA1A8



9EA0A8



A39FA6

# Triad

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



9EA0A8



A99E9B



99A29D

# Complementary

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



9EA0A8



A8A69E

# 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.



9DA29A



9EA0A8



A69F99

# Square

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



9EA0A8



A99E9F



A2A098



97A3A2

# Rectangle

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



9EA0A8



A69EA4



A2A098



9AA29C

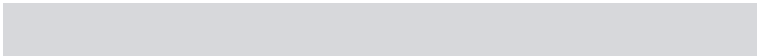


# Sweetspot

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



9EA0A8



D7D8DB



9EA8A6



6B6C6E



EDEDED



6E6E6E

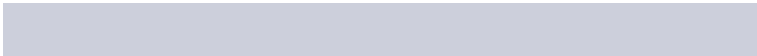


# Same Dimension

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



9EA0A8



CCCFDB



A19EA8



4D4F54



001E94



000414



# Inverse Universe

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



A89EA0



DBCCCF



A5A89E



544D4F



94001E

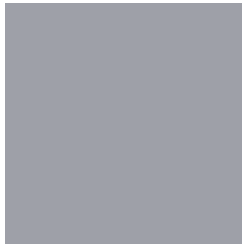


140004



# Previews

## White Background



This preview shows how the Hex color 9EA0A8 looks on a white background.

## Color Contrast Check

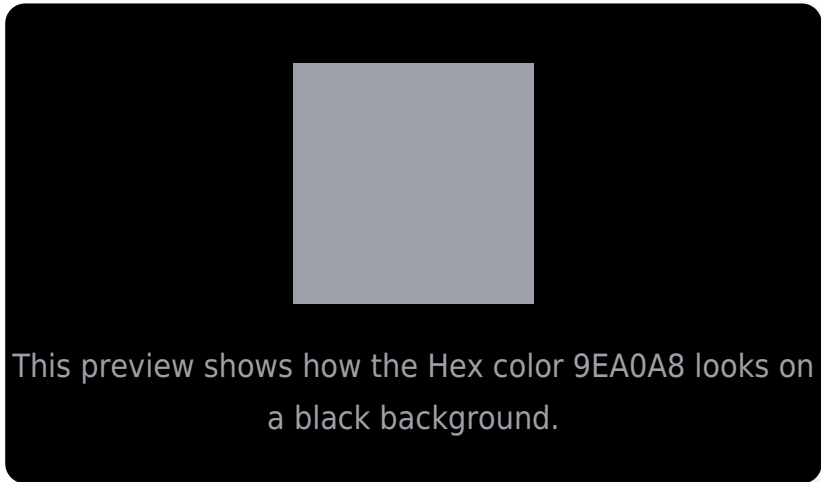
Large Text (above 18pt) WCAG AA × Fail

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

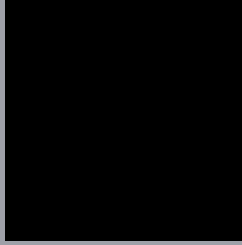
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9EA0A8 Background



This preview shows how black text looks on a background with the Hex color 9EA0A8.



This preview shows how white text looks on a background with the Hex color 9EA0A8.

# 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**  
9EA0A8

**Protanopia**  
A19FA8

**Deuteranopia**  
AC9BA9



**Tritanopia**  
9F9FAC

# Trichromacy



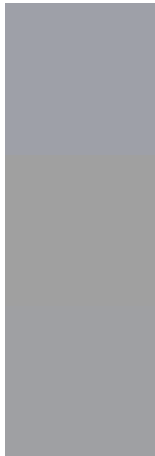
**Original Color**  
9EA0A8

**Protanomaly**  
A09FA8

**Deuteranomaly**  
A79DA9

**Tritanomaly**  
9F9FAB

# Monochromacy



**Original Color**  
9EA0A8

**Achromatopsia**  
A0A0A0

**Achromatomaly**  
9FA0A3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9EA0A8 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 #9EA0A8 looks like.

```
.text, #text, p{  
    color:#9EA0A8  
}
```

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 #9EA0A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EA0A8
}
```

## Border

The CSS property to change the border of an element to Hex 9EA0A8 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
#9EA0A8 }
```

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

```
.border{ border-color:#9EA0A8 }
```

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

Here you see how a box with a 4 pixel #9EA0A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EA0A8; -webkit-box-shadow:4px 4px  
4px 4px #9EA0A8; box-shadow:4px 4px 4px  
4px #9EA0A8 }
```

# Background

The CSS property to change the background color of an element to Hex 9EA0A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EA0A8 }
```

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

```
.background{ background-color:#9EA0A8 }
```

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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