

# Converting Colors

Hex(9EA0B2)

Have a look what the booklet for  
Hex(9EA0B2) contains.

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# **Color**

**Hex(9EA0B2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9EA0B2
RGB	158, 160, 178
RGB Percent	62%, 63%, 70%
CMY	0.3804, 0.3725, 0.3020
CMYK	0.11, 0.10, 0.00, 0.30
HSL	234°, 11%, 66%
HSV	234°, 11%, 70%
XYZ	34.7072, 35.6251, 47.1665
YIQ	161.4540, -6.9700, 5.1740

# Conversions

## Conversions Part 2

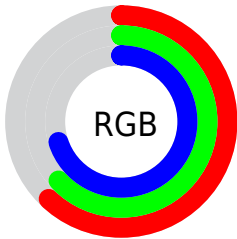
Format	Color
<a href="#">RYB</a>	<a href="#">158, 160, 178</a>
Decimal	<a href="#">10395826</a>
CIELab	<a href="#">66.23, 2.93, -9.55</a>
CIElCh	<a href="#">66, 9.988, 287.059</a>
Yxy	<a href="#">35.6251, 0.2954, 0.3032</a>
Android (android.graphics.Color)	<a href="#">4288585906 (0xFF9EA0B2)</a>
YUV	<a href="#">161.4540, 8.1572, -3.0292</a>
Hunter-Lab	<a href="#">59.6867, -0.6558, -5.0723</a>

# Details

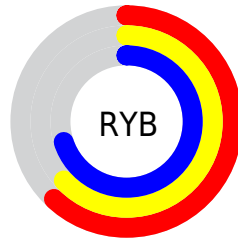
The Hex color **9EA0B2** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B2B09E**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **D5D7EA**, and **6B6D7D** is the 20% darker color. If you saturate the color by 10%, you get **8C90B2**, and if you desaturate by 10%, it is **B0B0B2**.

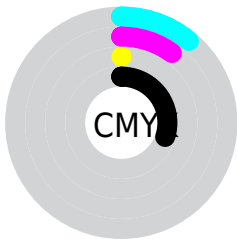
# Distribution



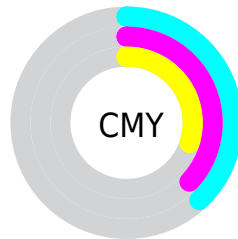
- Red (62%)
- Green (63%)
- Blue (70%)



- Red (62%)
- Yellow (63%)
- Blue (70%)



- Cyan (11%)
- Magenta (10%)
- Yellow (0%)
- Black (30%)



- Cyan (38%)
- Magenta (37%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9EA0B2 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 9EA0B2 by changing the saturation by 10% instead.





9EA0B2



9EA0B2

FFFFFF



848697



D5D7EA



6B6D7D



F1F3FF



525464



3B3D4C



252836



111320



000007



000000



9EA0B2



9EA0B2

8C90B2

B0B0B2

7A80B2

C2C0B2

6970B2

D3D0B2

5760B2

E5E0B2

4550B2

F7F0B2

3340B2

FFFFB2

2130B2

1020B2

0012B2

# Harmonies

## Analogous

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



93A3B2



9EA0B2



A99DAD

# Triad

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



9EA0B2



B39C94



90A69D

# Complementary

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



9EA0B2



B2B09E

# 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.



99A595



9EA0B2



AC9F90

# Square

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



9EA0B2



B49B9C



A3A290



8BA6A6

# Rectangle

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



9EA0B2



AF9CA8



A3A290



92A69A

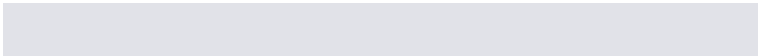


# Sweetspot

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



9EA0B2



E1E2E8



9EB2B0



717175



F5F5F5



757575



# Same Dimension

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



9EA0B2



CACDE8



A69EB2



505159



000F99



00031A



# Inverse Universe

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



B29EA0



E8CACD



AAB29E



595051



99000F

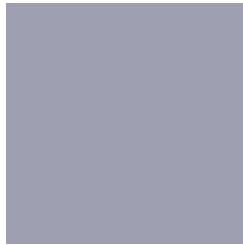


1A0003



# Previews

## White Background



This preview shows how the Hex color 9EA0B2 looks on a white background.

## Color Contrast Check

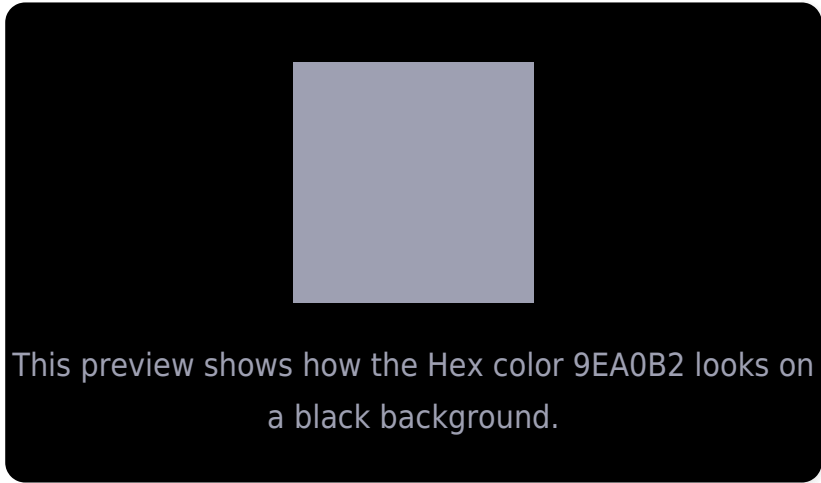
Large Text (above 18pt) WCAG AA × Fail

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 9EA0B2 Background



This preview shows how black text looks on a background with the Hex color 9EA0B2.



This preview shows how white text looks on a background with the Hex color 9EA0B2.

# 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**  
9EA0B2

**Protanopia**  
9FA0B2

**Deuteranopia**  
A89DB3



**Tritanopia**  
9DA1AD

# Trichromacy



**Original Color**  
9EA0B2

**Protanomaly**  
9FA0B2

**Deuteranomaly**  
A49EB3

**Tritanomaly**  
9DA1AF

# Monochromacy



**Original Color**  
9EA0B2

**Achromatopsia**  
A1A1A1

**Achromatomaly**  
A0A1A7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9EA0B2 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 #9EA0B2 looks like.

```
.text, #text, p{  
    color:#9EA0B2  
}
```

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 #9EA0B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EA0B2
}
```

## Border

The CSS property to change the border of an element to Hex 9EA0B2 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
#9EA0B2 }
```

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

```
.border{ border-color:#9EA0B2 }
```

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

Here you see how a box with a 4 pixel #9EA0B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EA0B2; -webkit-box-shadow:4px 4px  
4px 4px #9EA0B2; box-shadow:4px 4px 4px  
4px #9EA0B2 }
```

# Background

The CSS property to change the background color of an element to Hex 9EA0B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EA0B2 }
```

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

```
.background{ background-color:#9EA0B2 }
```

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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