

Converting Colors

Hex(9EA2B0)

Have a look what the booklet for
Hex(9EA2B0) contains.

Hex(9EA2B0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9EA2B0)

Conversions

Conversions Part 1

Format	Color
Hex	9EA2B0
RGB	158, 162, 176
RGB Percent	62%, 64%, 69%
CMY	0.3804, 0.3647, 0.3098
CMYK	0.10, 0.08, 0.00, 0.31
HSL	227°, 10%, 65%
HSV	227°, 10%, 69%
XYZ	34.8574, 36.2444, 46.2330
YIQ	162.4000, -6.8780, 3.5060

Conversions

Conversions Part 2

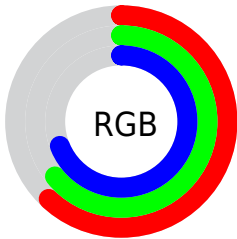
Format	Color
RYB	158, 161, 176
Decimal	10396336
CIELab	66.71, 1.40, -7.73
CIElCh	67, 7.853, 280.288
Yxy	36.2444, 0.2971, 0.3089
Android (android.graphics.Color)	4288586416 (0xFF9EA2B0)
YUV	162.4000, 6.7048, -3.8588
Hunter-Lab	60.2033, -2.0053, -3.3893

Details

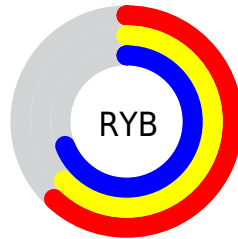
The Hex color **9EA2B0** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B0AC9E**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **D5D9E8**, and **6B6E7C** is the 20% darker color. If you saturate the color by 10%, you get **8C94B0**, and if you desaturate by 10%, it is **B0B0B0**.

Distribution



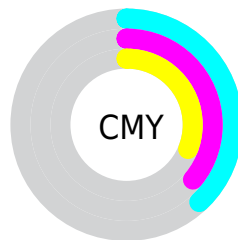
- Red (62%)
- Green (64%)
- Blue (69%)



- Red (62%)
- Yellow (63%)
- Blue (69%)



- Cyan (10%)
- Magenta (8%)
- Yellow (0%)
- Black (31%)



- Cyan (38%)
- Magenta (36%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EA2B0 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 9EA2B0 by changing the saturation by 10% instead.

■ 9EA2B0

■ 9EA2B0

FFFFFF

■ 848895

■ D5D9E8

■ 6B6E7C

■ F1F5FF

■ 525663

■ 3B3F4B

■ 252934

■ 11151F

■ 000005

■ 000000

■ 9EA2B0

■ 9EA2B0

8C94B0

B0B0B0

7B87B0

C1BDB0

6979B0

D3CBB0

586BB0

E4D9B0

465EB0

F6E6B0

3450B0

FFF4B0

2342B0

FFFFB0

1134B0

0027B0

Harmonies

Analogous

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



96A4AF



9EA2B0



A7A0AD

Triad

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



9EA2B0



B19E99



96A69D

Complementary

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



9EA2B0



B0AC9E

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.



9DA597



9EA2B0



ADA095

Square

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



9EA2B0



B19EA0



A6A394



92A7A4

Rectangle

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



9EA2B0



AC9FA9



A6A394



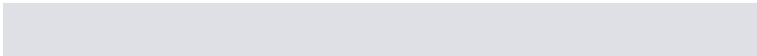
98A69B

Sweetspot

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



9EA2B0



DFE0E6



9EB0AC



6E6F73



F2F2F2



737373

Same Dimension

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



9EA2B0



CAD0E6



A39EB0



505259



002299



00061A

Inverse Universe

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



B09EA2



E6CAD0



ABB09E



595052



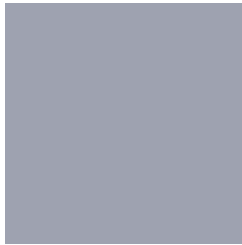
990022



1A0006

Previews

White Background



This preview shows how the Hex color 9EA2B0 looks on a white background.

Color Contrast Check

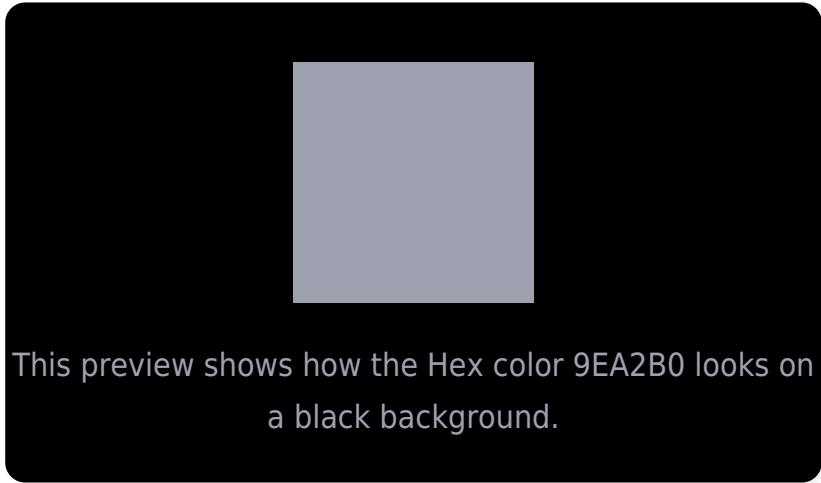
Large Text (above 18pt) WCAG AA × Fail

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

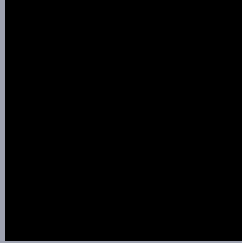
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

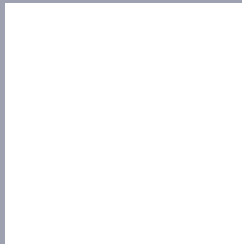
Any Text WCAG AAA ✓ Pass

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

Hex 9EA2B0 Background



This preview shows how black text looks on a background with the Hex color 9EA2B0.

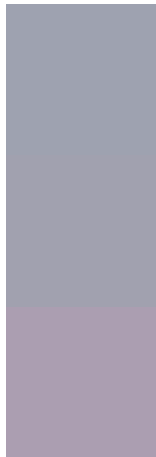


This preview shows how white text looks on a background with the Hex color 9EA2B0.

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
9EA2B0

Protanopia
A1A1AF

Deuteranopia
AB9EB1



Tritanopia
9EA2AF

Trichromacy



Original Color
9EA2B0

Protanomaly
A0A1AF

Deuteranomaly
A69FB1

Tritanomaly
9EA2AF

Monochromacy



Original Color
9EA2B0

Achromatopsia
A2A2A2

Achromatomaly
A1A2A7

CSS Examples

Text

The CSS property to change the color of the text to Hex 9EA2B0 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 #9EA2B0 looks like.

```
.text, #text, p{  
    color:#9EA2B0  
}
```

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 #9EA2B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EA2B0
}
```

Border

The CSS property to change the border of an element to Hex 9EA2B0 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
#9EA2B0 }
```

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

```
.border{ border-color:#9EA2B0 }
```

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

Here you see how a box with a 4 pixel #9EA2B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EA2B0; -webkit-box-shadow:4px 4px  
4px 4px #9EA2B0; box-shadow:4px 4px 4px  
4px #9EA2B0 }
```

Background

The CSS property to change the background color of an element to Hex 9EA2B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EA2B0 }
```

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

```
.background{ background-color:#9EA2B0 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor