

# Converting Colors

Hex(9EB2CA)

Have a look what the booklet for  
Hex(9EB2CA) contains.

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# **Color**

**Hex(9EB2CA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9EB2CA
RGB	158, 178, 202
RGB Percent	62%, 70%, 79%
CMY	0.3804, 0.3020, 0.2078
CMYK	0.22, 0.12, 0.00, 0.21
HSL	213°, 29%, 71%
HSV	213°, 22%, 79%
XYZ	40.6816, 43.3742, 62.1050
YIQ	174.7560, -19.6240, 3.2240

# Conversions

## Conversions Part 2

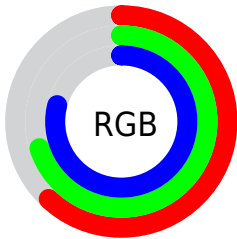
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	158, 172, 202
Decimal	10400458
CIE <sub>Lab</sub>	71.81, -1.67, -14.47
CIE <sub>LCh</sub>	72, 14.567, 263.406
Yxy	43.3742, 0.2783, 0.2968
Android (android.graphics.Color)	4288590538 (0xFF9EB2CA)
YUV	174.7560, 13.4313, -14.6950
Hunter-Lab	65.8591, -4.9926, -9.8091

# Details

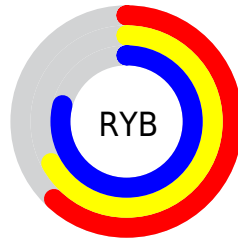
The Hex color **9EB2CA** is a light color, and the websafe version is hex **999999**. A complement of this color would be **CAB69E**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **D5EAFB**, and **6A7D94** is the 20% darker color. If you saturate the color by 10%, you get **8AA7CA**, and if you desaturate by 10%, it is **B2BDCA**.

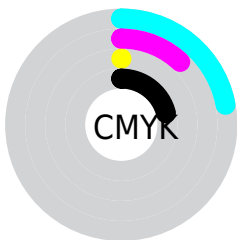
# Distribution



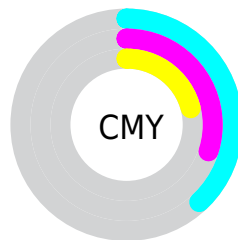
- Red (62%)
- Green (70%)
- Blue (79%)



- Red (62%)
- Yellow (67%)
- Blue (79%)



- Cyan (22%)
- Magenta (12%)
- Yellow (0%)
- Black (21%)



- Cyan (38%)
- Magenta (30%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9EB2CA 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 9EB2CA by changing the saturation by 10% instead.



■ 9EB2CA

■ 9EB2CA

FFFFFF

■ 8497AF

■ D5EAFF

■ 6A7D94

■ F2FFFF

■ 51657A

■ 394D61

■ 223649

■ 0A2133

■ 00091E

■ 000001

■ 000000

 9EB2CA

 9EB2CA

 8AA7CA

 B2BDCA

 769CCA

 C6C8CA

 6191CA

 DBD3CA

 4D86CA


 EFDECA

 397BCA

 FFE9CA

 2570CA

 FFF4CA

 1165CA

 FFFFCA

 005CCA

# Harmonies

## Analogous

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



91B6C5



9EB2CA



AFAEC8

# Triad

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



9EB2CA



CCA7A6



A0B6A0

# Complementary

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



9EB2CA



CAB69E

# 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.



AFB298



9EB2CA



C8AA9B

# Square

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



9EB2CA



C9A7B3



BEAE96



94B8AC

# Rectangle

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



9EB2CA



BAABC3



BEAE96



A5B59C

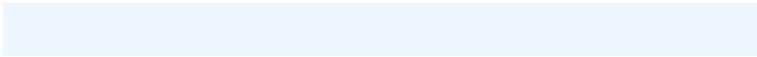


# Sweetspot

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



9EB2CA



EDF5FF



9ECAB5



757A80



000000



808080

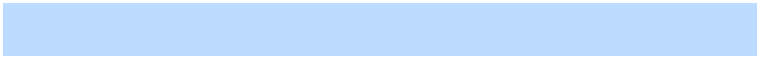


# Same Dimension

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



9EB2CA



BDDBFF



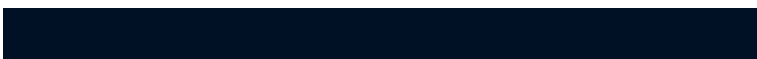
9F9ECA



5C6066



004BA6



001126



# Inverse Universe

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



CA9EB2



FFBDDB



C9CA9E



665C60



A6004B

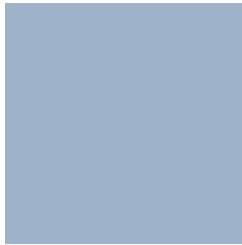


260011



# Previews

## White Background



This preview shows how the Hex color 9EB2CA looks on a white background.

## Color Contrast Check

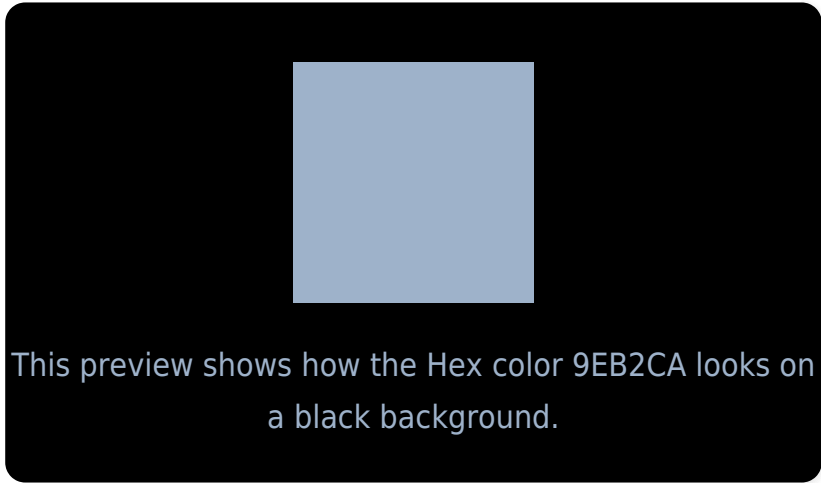
Large Text (above 18pt) WCAG AA × Fail

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

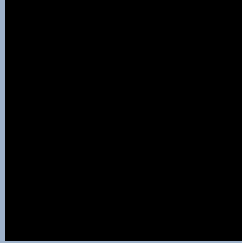
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

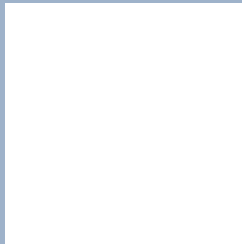
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9EB2CA Background



This preview shows how black text looks on a background with the Hex color 9EB2CA.



This preview shows how white text looks on a background with the Hex color 9EB2CA.

# 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**  
9EB2CA

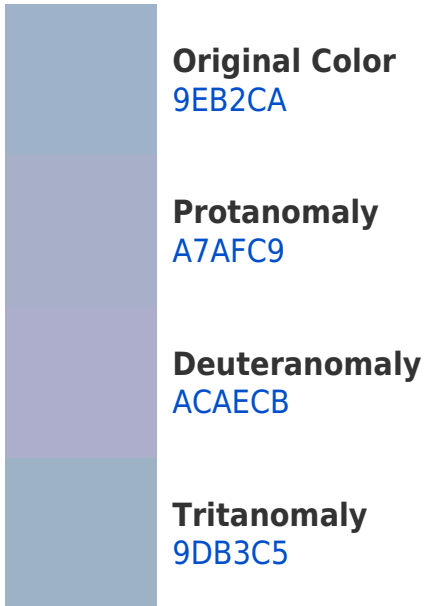
**Protanopia**  
ACAEC8

**Deuteranopia**  
B4ABCB

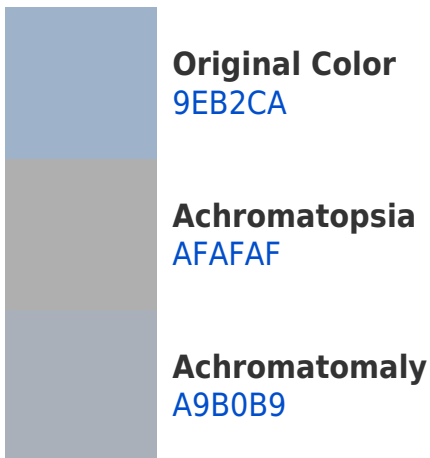


**Tritanopia**  
9CB3C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9EB2CA 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 #9EB2CA looks like.

```
.text, #text, p{  
    color:#9EB2CA  
}
```

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 #9EB2CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EB2CA
}
```

## Border

The CSS property to change the border of an element to Hex 9EB2CA 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
#9EB2CA }
```

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

```
.border{ border-color:#9EB2CA }
```

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

Here you see how a box with a 4 pixel #9EB2CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EB2CA; -webkit-box-shadow:4px 4px  
4px 4px #9EB2CA; box-shadow:4px 4px 4px  
4px #9EB2CA }
```

# Background

The CSS property to change the background color of an element to Hex 9EB2CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EB2CA }
```

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

```
.background{ background-color:#9EB2CA }
```

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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