

# Converting Colors

Hex(9EA5BC)

Have a look what the booklet for  
Hex(9EA5BC) contains.

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# **Color**

**Hex(9EA5BC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9EA5BC
RGB	158, 165, 188
RGB Percent	62%, 65%, 74%
CMY	0.3804, 0.3529, 0.2627
CMYK	0.16, 0.12, 0.00, 0.26
HSL	226°, 18%, 68%
HSV	226°, 16%, 74%
XYZ	36.6328, 37.8102, 52.9443
YIQ	165.5290, -11.5550, 5.6690

# Conversions

## Conversions Part 2

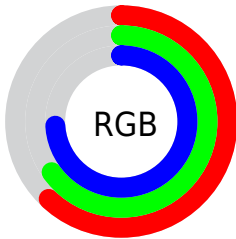
Format	Color
<a href="#">RYB</a>	<a href="#">158, 164, 188</a>
Decimal	<a href="#">10397116</a>
CIELab	<a href="#">67.88, 2.32, -12.65</a>
CIELCh	<a href="#">68, 12.860, 280.379</a>
Yxy	<a href="#">37.8102, 0.2876, 0.2968</a>
Android (android.graphics.Color)	<a href="#">4288587196 (0xFF9EA5BC)</a>
YUV	<a href="#">165.5290, 11.0782, -6.6029</a>
Hunter-Lab	<a href="#">61.4900, -1.2658, -8.0070</a>

# Details

The Hex color **9EA5BC** is a light color, and the websafe version is hex **999999**. A complement of this color would be **BCB59E**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **D5DCF4**, and **6A7187** is the 20% darker color. If you saturate the color by 10%, you get **8B97BC**, and if you desaturate by 10%, it is **B1B3BC**.

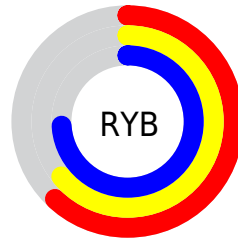
# Distribution



Red (62%)

Green (65%)

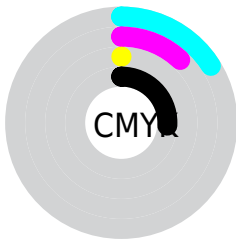
Blue (74%)



Red (62%)

Yellow (64%)

Blue (74%)

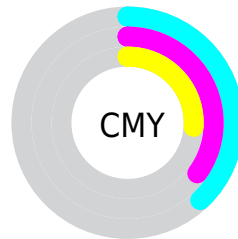


Cyan (16%)

Magenta (12%)

Yellow (0%)

Black (26%)



Cyan (38%)

Magenta (35%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9EA5BC 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 9EA5BC by changing the saturation by 10% instead.



■ 9EA5BC

■ 9EA5BC

FFFFFF

■ 848BA1

■ D5DCF4

■ 6A7187

■ F1F8FF

■ 52596D

■ 3A4255

■ 242C3E

■ 0F1728

■ 000113

■ 000000

■ 9EA5BC

■ 9EA5BC

 8B97BC

 B1B3BC

 7888BC

 C4C2BC

 667ABC

 D6D0BC

 536BBC

 E9DFBC

 405DBC

 FCEDBC

 2D4FBC

 FFFBBC

 1A40BC

 FFFFBC

 0832BC

 002CBC

# Harmonies

## Analogous

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



90A9BB



9EA5BC



ADA1B7

# Triad

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



9EA5BC



BD9F97



91AC9D

# Complementary

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



9EA5BC



BCB59E

# 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.



9DA994



9EA5BC



B6A290

# Square

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



9EA5BC



BE9DA2



ABA68F



89ACA9

# Rectangle

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



9EA5BC



B59FB1



ABA68F



95AB9A



# Sweetspot

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



9EA5BC



E9EBF5



9EBCB5



73757A



FAFAFA



7A7A7A



# Same Dimension

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



9EA5BC



C6D1F5



A69EBC



55575E



00259E



00071F



# Inverse Universe

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



BC9EA5



F5C6D1



B4BC9E



5E5557



9E0025

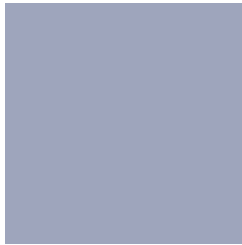


1F0007



# Previews

## White Background



This preview shows how the Hex color 9EA5BC looks on a white background.

## Color Contrast Check

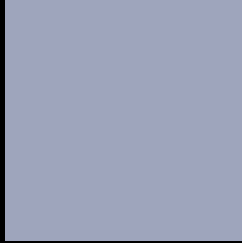
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 9EA5BC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

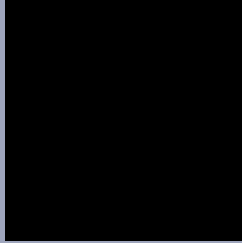
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

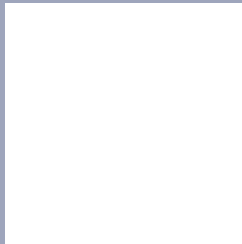
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9EA5BC Background



This preview shows how black text looks on a background with the Hex color 9EA5BC.



This preview shows how white text looks on a background with the Hex color 9EA5BC.

# 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**  
9EA5BC

**Protanopia**  
A2A4BB

**Deuteranopia**  
AAA1BD



**Tritanopia**  
9CA6B4

# Trichromacy



**Original Color**  
9EA5BC

**Protanomaly**  
A1A4BB

**Deuteranomaly**  
A6A2BD

**Tritanomaly**  
9DA6B7

# Monochromacy



**Original Color**  
9EA5BC

**Achromatopsia**  
A6A6A6

**Achromatomaly**  
A3A6AE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9EA5BC 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 #9EA5BC looks like.

```
.text, #text, p{  
  color:#9EA5BC  
}
```

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 #9EA5BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EA5BC
}
```

## Border

The CSS property to change the border of an element to Hex 9EA5BC is called "border". The border property can be set on classes, ids or directly on the HTML element.

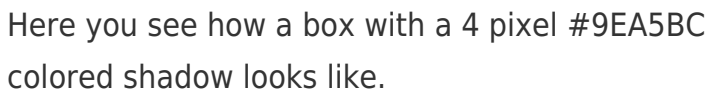
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9EA5BC }
```

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

```
.border{ border-color:#9EA5BC }
```

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



Here you see how a box with a 4 pixel #9EA5BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EA5BC; -webkit-box-shadow:4px 4px  
4px 4px #9EA5BC; box-shadow:4px 4px 4px  
4px #9EA5BC }
```

# Background

The CSS property to change the background color of an element to Hex 9EA5BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EA5BC }
```

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

```
.background{ background-color:#9EA5BC }
```

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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