

# Converting Colors

Hex(9EACB9)

Have a look what the booklet for  
Hex(9EACB9) contains.

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# **Color**

**Hex(9EACB9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9EACB9
RGB	158, 172, 185
RGB Percent	62%, 67%, 73%
CMY	0.3804, 0.3255, 0.2745
CMYK	0.15, 0.07, 0.00, 0.27
HSL	209°, 16%, 67%
HSV	209°, 15%, 73%
XYZ	37.6100, 40.2769, 51.6909
YIQ	169.2960, -12.5170, 1.0750

# Conversions

## Conversions Part 2

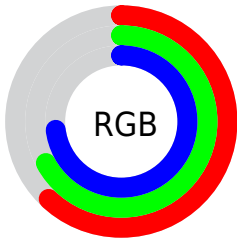
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	158, 167, 185
Decimal	10398905
CIE Lab	69.67, -2.17, -8.32
CIE LCh	70, 8.599, 255.360
Yxy	40.2769, 0.2903, 0.3108
Android (android.graphics.Color)	4288588985 (0xFF9EACB9)
YUV	169.2960, 7.7421, -9.9066
Hunter-Lab	63.4641, -5.2797, -3.8663

# Details

The Hex color **9EACB9** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B9AB9E**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **D5E3F1**, and **6A7884** is the 20% darker color. If you saturate the color by 10%, you get **8CA3B9**, and if you desaturate by 10%, it is **B1B5B9**.

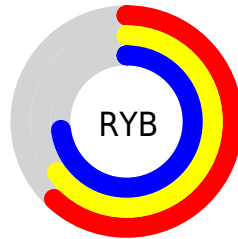
# Distribution



Red (62%)

Green (67%)

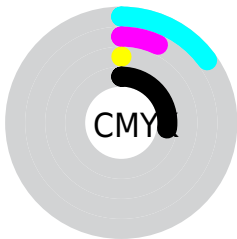
Blue (73%)



Red (62%)

Yellow (65%)

Blue (73%)

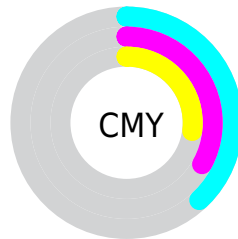


Cyan (15%)

Magenta (7%)

Yellow (0%)

Black (27%)



Cyan (38%)

Magenta (33%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9EACB9 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 9EACB9 by changing the saturation by 10% instead.





9EACB9



9EACB9

FFFFFF



84919E



D5E3F1



6A7884



F1FFFF



525F6B



3B4753



24313C



0F1C26



000111



000000



9EACB9



9EACB9

8CA3B9

B1B5B9

799AB9

C3BEB9

6791B9

D5C7B9

5488B9

E8D0B9

427FB9

FBD9B9

2F77B9

FFE1B9

1D6EB9

FFEAB9

0A65B9

FFF3B9

0060B9

FFFCB9

# Harmonies

## Analogous

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



98AEB5



9EACB9



A7A9B9

# Triad

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



9EACB9



BBA5A6



A3AD9F

# Complementary

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



9EACB9



B9AB9E

# 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.



ACAB9B



9EACB9



BAA69F

# Square

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



9EACB9



B8A5AE



B5A89B



9CAFA6

# Rectangle

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



9EACB9



AEA8B7



B5A89B



A6AC9D

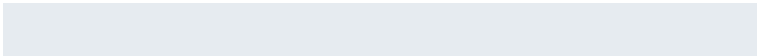


# Sweetspot

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



9EACB9



E6EBF0



9EB9AB



727578



F7F7F7



787878



# Same Dimension

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



9EACB9



C5DBF0



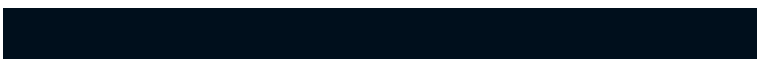
9E9FB9



53575C



00519C



000F1C



# Inverse Universe

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



B99EAC



F0C5DB



B9B89E



5C5357



9C0051

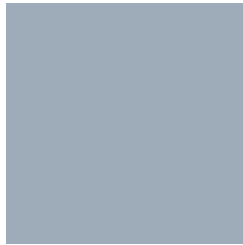


1C000F



# Previews

## White Background



This preview shows how the Hex color 9EACB9 looks on a white background.

## Color Contrast Check

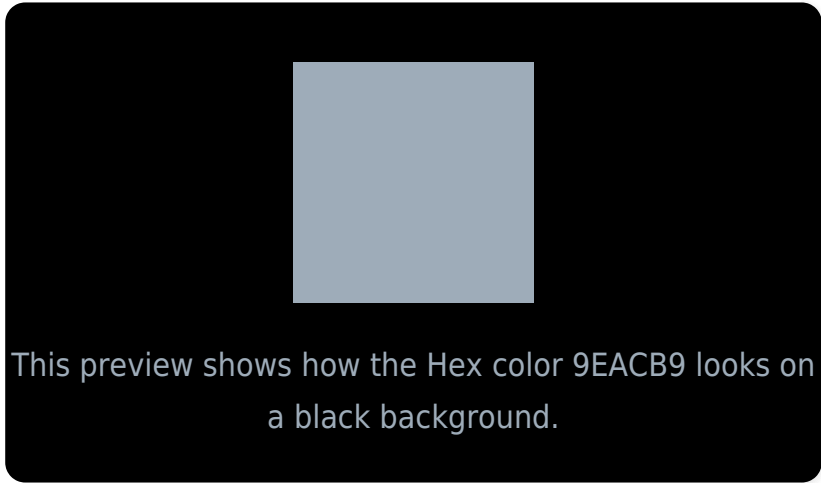
Large Text (above 18pt) WCAG AA × Fail

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

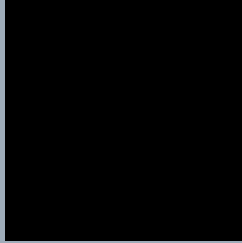
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

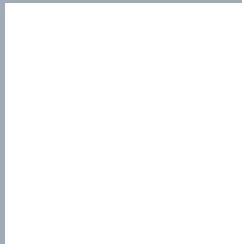
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9EACB9 Background



This preview shows how black text looks on a background with the Hex color 9EACB9.

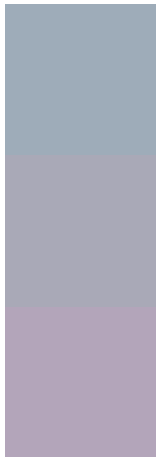


This preview shows how white text looks on a background with the Hex color 9EACB9.

# 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**  
9EACB9

**Protanopia**  
A9A9B7

**Deuteranopia**  
B3A5BA



# Trichromacy



**Original Color**  
9EACB9

**Protanomaly**  
A5AAB8

**Deuteranomaly**  
ABA8BA

**Tritanomaly**  
9EACBA

# Monochromacy



**Original Color**  
9EACB9

**Achromatopsia**  
A9A9A9

**Achromatomaly**  
A5AAAF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9EACB9 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 #9EACB9 looks like.

```
.text, #text, p{  
    color:#9EACB9  
}
```

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 #9EACB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EACB9
}
```

## Border

The CSS property to change the border of an element to Hex 9EACB9 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
#9EACB9 }
```

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

```
.border{ border-color:#9EACB9 }
```

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

Here you see how a box with a 4 pixel #9EACB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EACB9; -webkit-box-shadow:4px 4px  
4px 4px #9EACB9; box-shadow:4px 4px 4px  
4px #9EACB9 }
```

# Background

The CSS property to change the background color of an element to Hex 9EACB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EACB9 }
```

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

```
.background{ background-color:#9EACB9 }
```

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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