

# Converting Colors

Hex(9ECBDA)

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

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# **Color**

**Hex(9ECBDA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9ECBDA
RGB	158, 203, 218
RGB Percent	62%, 80%, 85%
CMY	0.3804, 0.2039, 0.1451
CMYK	0.28, 0.07, 0.00, 0.15
HSL	195°, 45%, 74%
HSV	195°, 28%, 85%
XYZ	48.1114, 55.0429, 74.4183
YIQ	191.2550, -31.6350, -4.8750

# Conversions

## Conversions Part 2

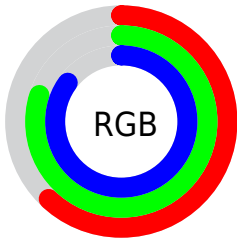
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	158, 184, 218
Decimal	10406874
CIE Lab	79.07, -11.29, -12.26
CIE LCh	79, 16.668, 227.377
Yxy	55.0429, 0.2709, 0.3100
Android (android.graphics.Color)	4288596954 (0xFF9ECBDA)
YUV	191.2550, 13.1853, -29.1646
Hunter-Lab	74.1909, -14.0803, -7.5380

# Details

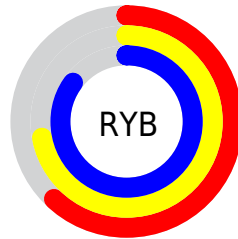
The Hex color **9ECBDA** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DAAD9E**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **D6FFFF**, and **6995A3** is the 20% darker color. If you saturate the color by 10%, you get **88C6DA**, and if you desaturate by 10%, it is **B4D0DA**.

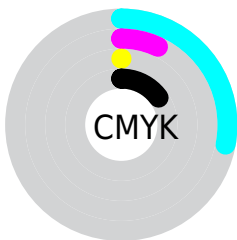
# Distribution



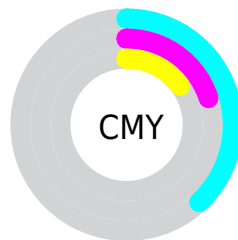
- Red (62%)
- Green (80%)
- Blue (85%)



- Red (62%)
- Yellow (72%)
- Blue (85%)



- Cyan (28%)
- Magenta (7%)
- Yellow (0%)
- Black (15%)



- Cyan (38%)
- Magenta (20%)
- Yellow (15%)

# Brightness & Saturation Gradients

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



 9ECBDA

 9ECBDA

FFFFFF

 83B0BE

 D6FFFF

 6995A3

 F3FFFF

 4F7B89

 36626F

 1C4A57

 003440

 001E2A

 000116

 000000

■ 9ECBDA

■ 9ECBDA

■ 88C6DA

■ B4D0DA

■ 72C0DA

■ CAD6DA

■ 5DBBDA

■ DFDBDA

■ 47B5DA

■ F5E1DA

■ 31B0DA

■ FFE6DA

■ 1BAADA

■ FFECDA

■ 05A5DA

■ FFF1DA

■ 00A3DA

■ FFF7DA

■ FFFCDA

# Harmonies

## Analogous

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



9CCDCC



9ECBDA



ABC7E2

# Triad

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



9ECBDA



DFBACB



C7C6A6

# Complementary

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



9ECBDA



DAAD9E

# 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.



D7C0A6



9ECBDA



E5B9BB

# Square

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



9ECBDA



D2BDD9



E1BCAE



B5CAAE

# Rectangle

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



9ECBDA



B8C4E2



E1BCAE



CCC4A5

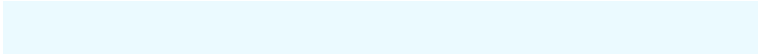


# Sweetspot

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



9ECBDA



EBFAFF



9EDAAD



737C80



000000



808080

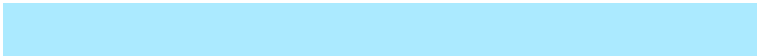


# Same Dimension

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



9ECBDA



ABEAFF



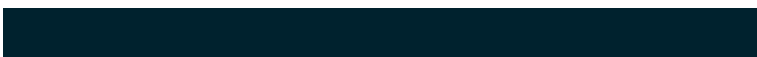
9EADDA



636B6E



0082AD



00222E



# Inverse Universe

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



DA9ECB



FFABEA



DACB9E



6E636B



AD0082

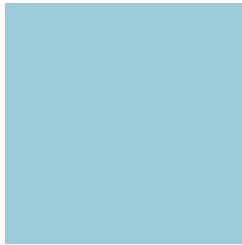


2E0022



# Previews

## White Background



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

## Color Contrast Check

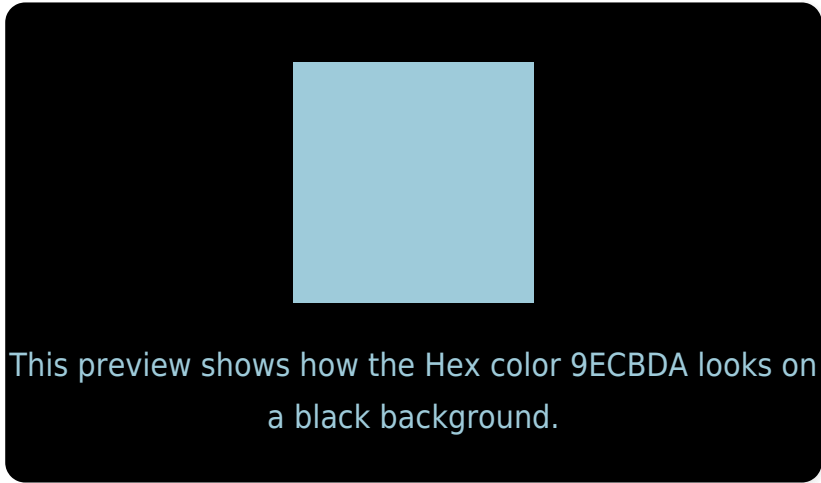
Large Text (above 18pt) WCAG AA × Fail

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

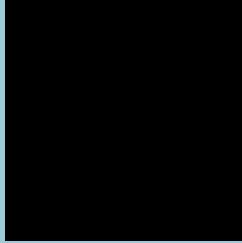
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9ECBDA Background



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

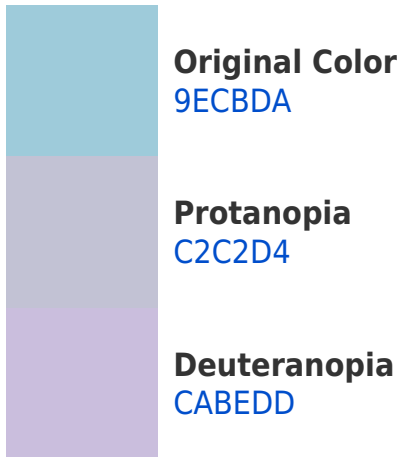


This preview shows how white text looks on a background with the Hex color 9ECBDA.

# 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](#).

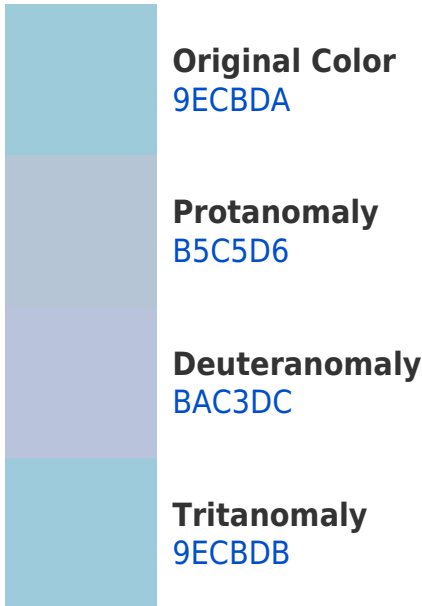
## Dichromacy



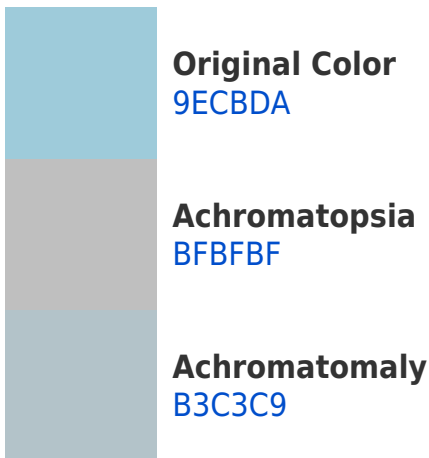


**Tritanopia**  
9ECBDB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #9ECBDA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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