

# Converting Colors

Hex(9EBCC7)

Have a look what the booklet for  
Hex(9EBCC7) contains.

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# **Color**

**Hex(9EBCC7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9EBCC7
RGB	158, 188, 199
RGB Percent	62%, 74%, 78%
CMY	0.3804, 0.2627, 0.2196
CMYK	0.21, 0.06, 0.00, 0.22
HSL	196°, 27%, 70%
HSV	196°, 21%, 78%
XYZ	42.3926, 47.3591, 60.9397
YIQ	180.2840, -21.4110, -2.9390

# Conversions

## Conversions Part 2

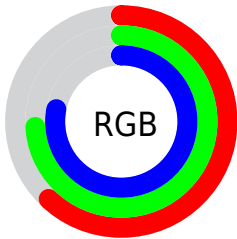
<b>Format</b>	<b>Color</b>
<b>RYB</b>	158, 175, 199
Decimal	10403015
CIELab	74.42, -7.72, -8.93
CIElCh	74, 11.798, 229.159
Yxy	47.3591, 0.2813, 0.3143
Android (android.graphics.Color)	4288593095 (0xFF9EBCC7)
YUV	180.2840, 9.2270, -19.5431
Hunter-Lab	68.8179, -10.4735, -4.3300

# Details

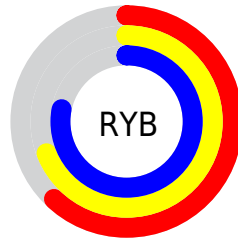
The Hex color **9EBCC7** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C7A99E**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **D5F4FF**, and **6A8791** is the 20% darker color. If you saturate the color by 10%, you get **8AB7C7**, and if you desaturate by 10%, it is **B2C1C7**.

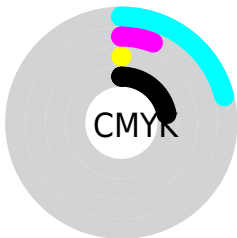
# Distribution



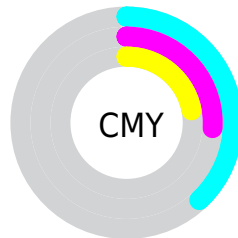
- Red (62%)
- Green (74%)
- Blue (78%)



- Red (62%)
- Yellow (69%)
- Blue (78%)



- Cyan (21%)
- Magenta (6%)
- Yellow (0%)
- Black (22%)



- Cyan (38%)
- Magenta (26%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9EBCC7 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 9EBCC7 by changing the saturation by 10% instead.



 9EBCC7

 9EBCC7


FFFFFF

 84A1AC

 D5F4FF

 6A8791

 F2FFFF

 516D77

 39555F

 223E47

 0A2831

 00141C

 000000

 9EBCC7

 9EBCC7

8AB7C7

B2C1C7

76B1C7

C6C7C7

62ACC7

DACCC7

4EA7C7

EED1C7

3BA1C7

FFD7C7

279CC7

FFDCC7

1397C7

FFE1C7

0092C7

FFE7C7

FFECC7

# Harmonies

## Analogous

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



9CBDBE



9EBCC7



A7B9CC

# Triad

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



9EBCC7



CBB0BB



B8B8A3

# Complementary

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



9EBCC7



C7A99E

# 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.



C4B5A2



9EBCC7



CFB0B0

# Square

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



9EBCC7



C1B2C5



CCB2A7



ACBBA9

# Rectangle

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



9EBCC7



B0B7CC



CCB2A7



BDB7A2



# Sweetspot

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



9EBCC7



F0FBFF



9EC7A9



777D80



000000



808080

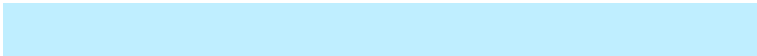


# Same Dimension

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



9EBCC7



BFEEFF



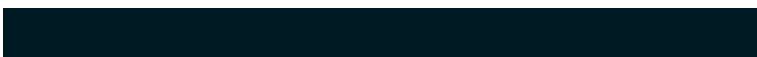
9EA8C7



5A6163



0077A3



001A24



# Inverse Universe

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



C79EBC



FFBFEE



C7BD9E



635A61



A30077



24001A



# Previews

## White Background



This preview shows how the Hex color 9EBCC7 looks on a white background.

## Color Contrast Check

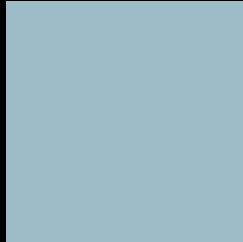
Large Text (above 18pt) WCAG AA × Fail

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 9EBCC7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

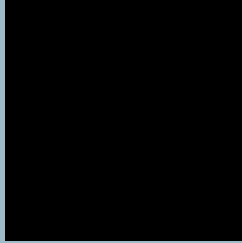
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

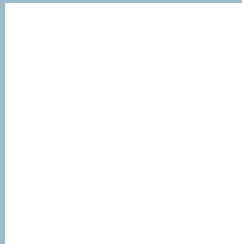
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9EBCC7 Background



This preview shows how black text looks on a background with the Hex color 9EBCC7.



This preview shows how white text looks on a background with the Hex color 9EBCC7.

# 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



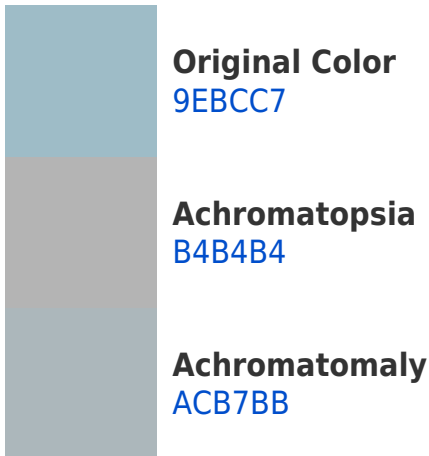


**Tritanopia**  
9FBBCA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9EBCC7 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 #9EBCC7 looks like.

```
.text, #text, p{  
    color:#9EBCC7  
}
```

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 #9EBCC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EBCC7  
}
```

## Border

The CSS property to change the border of an element to Hex 9EBCC7 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  
#9EBCC7 }
```

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

```
.border{ border-color:#9EBCC7 }
```

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

Here you see how a box with a 4 pixel #9EBCC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EBCC7; -webkit-box-shadow:4px 4px  
4px 4px #9EBCC7; box-shadow:4px 4px 4px  
4px #9EBCC7 }
```

# Background

The CSS property to change the background color of an element to Hex 9EBCC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EBCC7 }
```

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

```
.background{ background-color:#9EBCC7 }
```

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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