

# Converting Colors

Hex(9C99C7)

Have a look what the booklet for  
Hex(9C99C7) contains.

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# **Color**

**Hex(9C99C7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9C99C7
RGB	156, 153, 199
RGB Percent	61%, 60%, 78%
CMY	0.3882, 0.4000, 0.2196
CMYK	0.22, 0.23, 0.00, 0.22
HSL	244°, 29%, 69%
HSV	244°, 23%, 78%
XYZ	35.4103, 33.9739, 58.7241
YIQ	159.1410, -12.9780, 14.9420

# Conversions

## Conversions Part 2

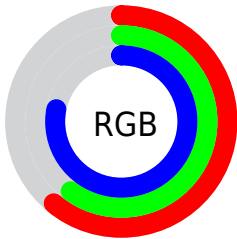
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	156, 153, 199
Decimal	10262983
CIE <sub>Lab</sub>	64.94, 10.89, -23.24
CIE <sub>LCh</sub>	65, 25.668, 295.105
Yxy	33.9739, 0.2764, 0.2652
Android (android.graphics.Color)	4288453063 (0xFF9C99C7)
YUV	159.1410, 19.6505, -2.7547
Hunter-Lab	58.2871, 6.4390, -18.9335

# Details

The Hex color **9C99C7** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C4C799**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **D3CFFF**, and **686691** is the 20% darker color. If you saturate the color by 10%, you get **8985C7**, and if you desaturate by 10%, it is **AFADC7**.

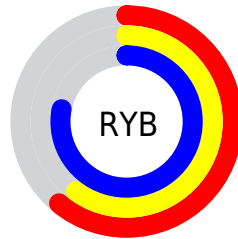
# Distribution



Red (61%)

Green (60%)

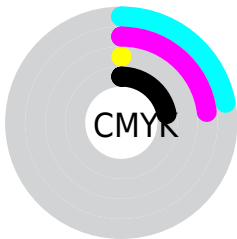
Blue (78%)



Red (61%)

Yellow (60%)

Blue (78%)

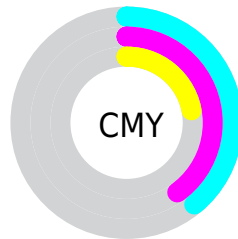


Cyan (22%)

Magenta (23%)

Yellow (0%)

Black (22%)



Cyan (39%)

Magenta (40%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C99C7 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 9C99C7 by changing the saturation by 10% instead.



■ 9C99C7

■ 9C99C7

FFFFFF

■ 827FAC

■ D3CFFF

■ 686691

■ F0ECFF

■ 4F4E77

■ 37375E

■ 202246

■ 090C30

■ 00011B

■ 000000

■ 9C99C7

■ 9C99C7

8985C7

AFADC7

7771C7

C1C1C7

645DC7

D4D5C7

5249C7

E6E9C7

3F36C7

F9FDC7

2C22C7

FFFFC7

1A0EC7

0D00C7

# Harmonies

## Analogous

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



7BA1CB



9C99C7



B791B8

# Triad

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



9C99C7



C49379



67AA99

# Complementary

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



9C99C7



C4C799

# 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.



7FA783



9C99C7



B29B70

# Square

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



9C99C7



CC8E8B



9AA274



58AAB0

# Rectangle

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



9C99C7



C48EAA



9AA274



6EAA91



# Sweetspot

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



9C99C7



EEEDFF



99C5C7



767580



000000



808080



# Same Dimension

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



9C99C7



BCB8FF



B299C7



5A5A63



0B00A3



020024



# Inverse Universe

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



C799C4



FFB8FA



AEC799



635A63



A30099

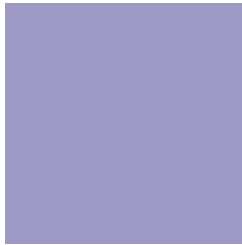


240021



# Previews

## White Background



This preview shows how the Hex color 9C99C7 looks on a white background.

## Color Contrast Check

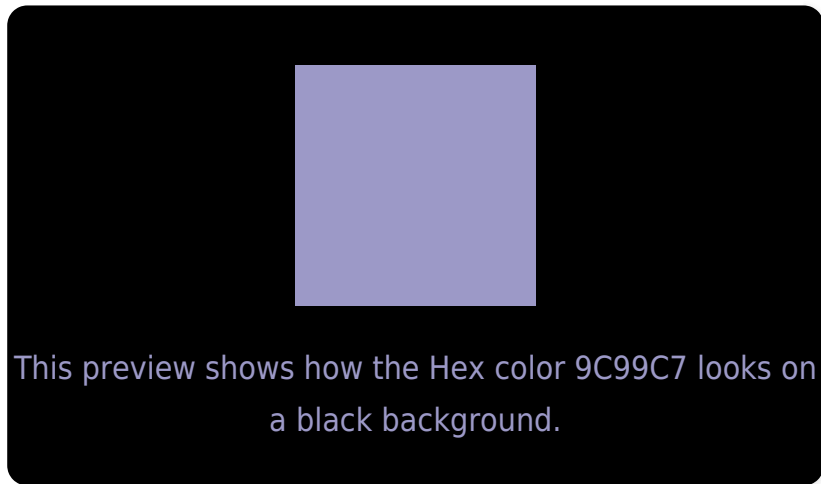
Large Text (above 18pt) WCAG AA × Fail

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

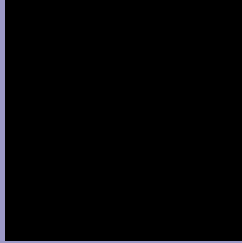
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9C99C7 Background



This preview shows how black text looks on a background with the Hex color 9C99C7.



This preview shows how white text looks on a background with the Hex color 9C99C7.

# 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**  
9C99C7

**Protanopia**  
929CC9

**Deuteranopia**  
979AC7



**Tritanopia**  
979EAB

# Trichromacy



**Original Color**  
9C99C7

**Protanomaly**  
969BC8

**Deuteranomaly**  
999AC7

**Tritanomaly**  
999CB5

# Monochromacy



**Original Color**  
9C99C7

**Achromatopsia**  
9F9F9F

**Achromatomaly**  
9E9DAE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C99C7 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 #9C99C7 looks like.

```
.text, #text, p{  
    color:#9C99C7  
}
```

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 #9C99C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C99C7
}
```

## Border

The CSS property to change the border of an element to Hex 9C99C7 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
#9C99C7 }
```

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

```
.border{ border-color:#9C99C7 }
```

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

Here you see how a box with a 4 pixel #9C99C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C99C7; -webkit-box-shadow:4px 4px  
4px 4px #9C99C7; box-shadow:4px 4px 4px  
4px #9C99C7 }
```

# Background

The CSS property to change the background color of an element to Hex 9C99C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C99C7 }
```

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

```
.background{ background-color:#9C99C7 }
```

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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