

# Converting Colors

Hex(9C8EAA)

Have a look what the booklet for  
Hex(9C8EAA) contains.

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# **Color**

**Hex(9C8EAA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9C8EAA
RGB	156, 142, 170
RGB Percent	61%, 56%, 67%
CMY	0.3882, 0.4431, 0.3333
CMYK	0.08, 0.16, 0.00, 0.33
HSL	270°, 14%, 61%
HSV	270°, 16%, 67%
XYZ	30.6390, 29.3162, 42.0740
YIQ	149.3780, -0.6440, 11.6760

# Conversions

## Conversions Part 2

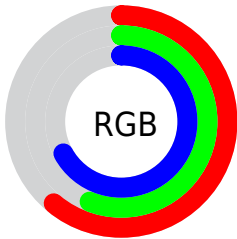
Format	Color
<a href="#">RYB</a>	<a href="#">156, 142, 170</a>
Decimal	<a href="#">10260138</a>
CIELab	<a href="#">61.06, 10.68, -12.81</a>
CIELCh	<a href="#">61, 16.679, 309.811</a>
Yxy	<a href="#">29.3162, 0.3003, 0.2873</a>
Android (android.graphics.Color)	<a href="#">4288450218</a> ( <a href="#">0xFF9C8EAA</a> )
YUV	<a href="#">149.3780, 10.1666, 5.8075</a>
Hunter-Lab	<a href="#">54.1444, 6.2560, -8.1713</a>

# Details

The Hex color **9C8EAA** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **9CAA8E**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **D3C4E1**, and **695C76** is the 20% darker color. If you saturate the color by 10%, you get **947DAA**, and if you desaturate by 10%, it is **A49FAA**.

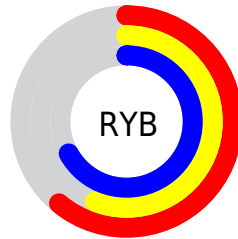
# Distribution



Red (61%)

Green (56%)

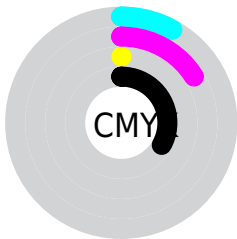
Blue (67%)



Red (61%)

Yellow (56%)

Blue (67%)

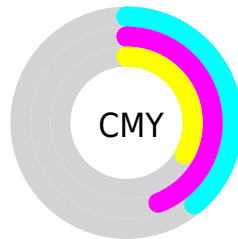


Cyan (8%)

Magenta (16%)

Yellow (0%)

Black (33%)



Cyan (39%)

Magenta (44%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C8EAA 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 9C8EAA by changing the saturation by 10% instead.



9C8EAA

9C8EAA

FFFFFF

82748F

D3C4E1

695C76

EFE0FE

50445D

FFFCFF

392E46

23192F

10001B

000000

9C8EAA

9C8EAA

947DAA

A49FAA

8B6CAA

ADB0AA

835BAA

B5C1AA

7A4AAA

BED2AA

7239AA

C6E3AA

6928AA

CFF4AA

6117AA

D7FFAA

5806AA

E0FFAA

5500AA

E8FFAA

# Harmonies

## Analogous

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



8993B0



9C8EAA



AB8A9E

# Triad

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



9C8EAA



A88F78



6E9C98

# Complementary

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



9C8EAA



9CAA8E

# 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.



799B89



9C8EAA



9A9476

# Square

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



9C8EAA



B18B81



89987C



6C9BA6

# Rectangle

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



9C8EAA



B08994



89987C



719C93



# Sweetspot

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



9C8EAA



D8D3DE



8E9CAA



6D6970



F0F0F0



707070



# Same Dimension

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



9C8EAA



C8B1DE



AA8EAA



504C54



4A0094



0A0014



# Inverse Universe

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



AA8E9C



DEB1C8



8EAA8E



544C50



94004A

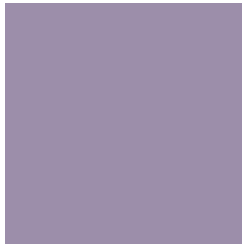


14000A



# Previews

## White Background



This preview shows how the Hex color 9C8EAA looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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

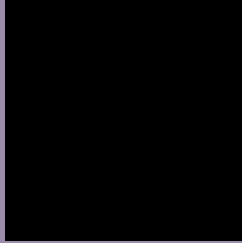
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9C8EAA Background



This preview shows how black text looks on a background with the Hex color 9C8EAA.



This preview shows how white text looks on a background with the Hex color 9C8EAA.

# 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](#).

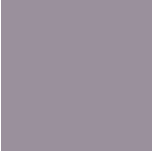
## Dichromacy



**Original Color**  
9C8EAA

**Protanopia**  
8E92AD

**Deuteranopia**  
9790AA



**Tritanopia**  
9A909C

# Trichromacy



**Original Color**  
9C8EAA

**Protanomaly**  
9391AC

**Deuteranomaly**  
998FAA

**Tritanomaly**  
9B8FA1

# Monochromacy



**Original Color**  
9C8EAA

**Achromatopsia**  
959595

**Achromatomaly**  
98929D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C8EAA 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 #9C8EAA looks like.

```
.text, #text, p{  
    color:#9C8EAA  
}
```

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 #9C8EAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C8EAA
}
```

## Border

The CSS property to change the border of an element to Hex 9C8EAA 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
#9C8EAA }
```

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

```
.border{ border-color:#9C8EAA }
```

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

Here you see how a box with a 4 pixel #9C8EAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C8EAA; -webkit-box-shadow:4px 4px  
4px 4px #9C8EAA; box-shadow:4px 4px 4px  
4px #9C8EAA }
```

# Background

The CSS property to change the background color of an element to Hex 9C8EAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C8EAA }
```

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

```
.background{ background-color:#9C8EAA }
```

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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