

# Converting Colors

Hex(9B91AE)

Have a look what the booklet for  
Hex(9B91AE) contains.

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# **Color**

**Hex(9B91AE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9B91AE
RGB	155, 145, 174
RGB Percent	61%, 57%, 68%
CMY	0.3922, 0.4314, 0.3176
CMYK	0.11, 0.17, 0.00, 0.32
HSL	261°, 15%, 63%
HSV	261°, 17%, 68%
XYZ	31.2829, 30.2754, 44.2393
YIQ	151.2960, -3.3490, 11.1390

# Conversions

## Conversions Part 2

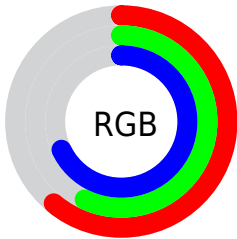
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	155, 145, 174
Decimal	10195374
CIE Lab	61.89, 9.48, -13.84
CIE LCh	62, 16.772, 304.418
Yxy	30.2754, 0.2957, 0.2862
Android (android.graphics.Color)	4288385454 (0xFF9B91AE)
YUV	151.2960, 11.1931, 3.2484
Hunter-Lab	55.0230, 5.1945, -9.1539

# Details

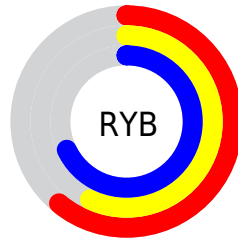
The Hex color **9B91AE** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **A4AE91**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **D2C7E6**, and **685F7A** is the 20% darker color. If you saturate the color by 10%, you get **9080AE**, and if you desaturate by 10%, it is **A6A2AE**.

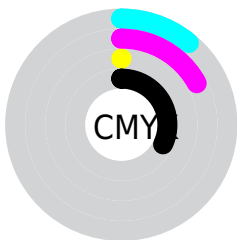
# Distribution



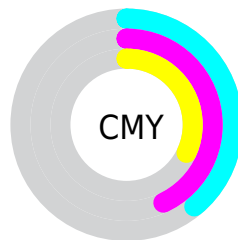
- Red (61%)
- Green (57%)
- Blue (68%)



- Red (61%)
- Yellow (57%)
- Blue (68%)



- Cyan (11%)
- Magenta (17%)
- Yellow (0%)
- Black (32%)



- Cyan (39%)
- Magenta (43%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B91AE 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 9B91AE by changing the saturation by 10% instead.





9B91AE



9B91AE

FFFFFF



817793



D2C7E6



685F7A



EEE3FF



4F4761



383149



221C32



0F011E



000000



9B91AE



9B91AE



9080AE



A6A2AE

846EAE

B2B4AE

795DAE

BDC5AE

6D4BAE

C9D7AE

623AAE

D4E8AE

5729AE

DFF9AE

4B17AE

EBFFAE

4006AE

F6FFAE

3C00AE

FFFFAE

# Harmonies

## Analogous

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



8796B3



9B91AE



AB8DA3

# Triad

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



9B91AE



AC907B



719E97

# Complementary

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



9B91AE



A4AE91

# 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.



7E9D88



9B91AE



9F9578

# Square

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



9B91AE



B48C85



8E9A7D



6E9DA6

# Rectangle

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



9B91AE



B28B99



8E9A7D



759E92



# Sweetspot

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



9B91AE



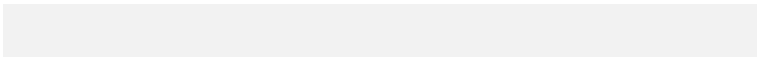
DCD8E3



91A4AE



6E6C73



F2F2F2



737373



# Same Dimension

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



9B91AE



C5B6E3



A991AE



514E57



340096



080017



# Inverse Universe

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



AE91A4



E3B6D3



96AE91



574E54



960063

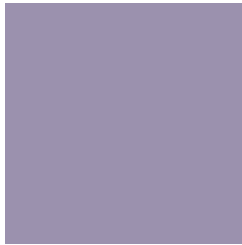


17000F



# Previews

## White Background



This preview shows how the Hex color 9B91AE looks on a white background.

## Color Contrast Check

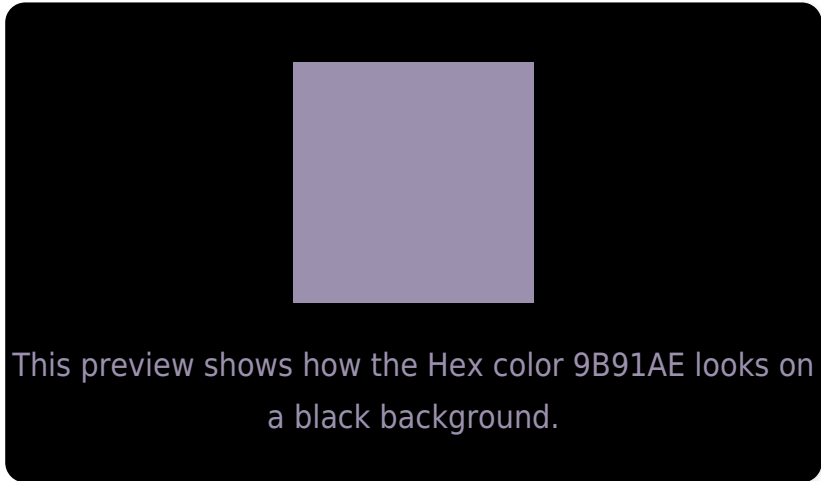
Large Text (above 18pt) WCAG AA × Fail

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

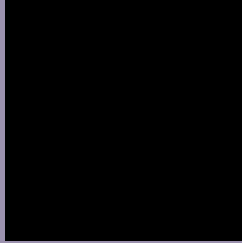
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9B91AE Background



This preview shows how black text looks on a background with the Hex color 9B91AE.



This preview shows how white text looks on a background with the Hex color 9B91AE.

# 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**  
9B91AE

**Protanopia**  
9094B0

**Deuteranopia**  
9892AE



**Tritanopia**  
99949F

# Trichromacy



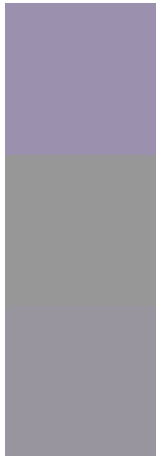
**Original Color**  
9B91AE

**Protanomaly**  
9493AF

**Deuteranomaly**  
9992AE

**Tritanomaly**  
9A93A4

# Monochromacy



**Original Color**  
9B91AE

**Achromatopsia**  
979797

**Achromatomaly**  
98959F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B91AE 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 #9B91AE looks like.

```
.text, #text, p{  
    color:#9B91AE  
}
```

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 #9B91AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B91AE
}
```

## Border

The CSS property to change the border of an element to Hex 9B91AE is called "border". The border property can be set on classes, ids or directly on the HTML element.

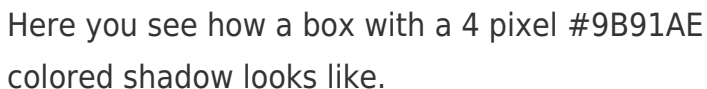
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B91AE }
```

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

```
.border{ border-color:#9B91AE }
```

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



Here you see how a box with a 4 pixel #9B91AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B91AE; -webkit-box-shadow:4px 4px  
4px 4px #9B91AE; box-shadow:4px 4px 4px  
4px #9B91AE }
```

# Background

The CSS property to change the background color of an element to Hex 9B91AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B91AE }
```

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

```
.background{ background-color:#9B91AE }
```

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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