

# Converting Colors

Hex(99A9B4)

Have a look what the booklet for  
Hex(99A9B4) contains.

<b>Hex(99A9B4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(99A9B4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	99A9B4
RGB	153, 169, 180
RGB Percent	60%, 66%, 71%
CMY	0.4000, 0.3373, 0.2941
CMYK	0.15, 0.06, 0.00, 0.29
HSL	204°, 15%, 65%
HSV	204°, 15%, 71%
XYZ	35.5631, 38.4435, 48.7260
YIQ	165.4700, -13.0670, 0.0290

# Conversions

## Conversions Part 2

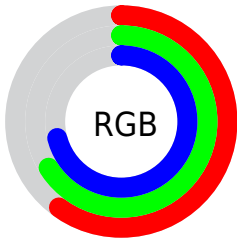
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 163, 180
Decimal	10070452
CIE <sub>Lab</sub>	68.35, -3.27, -7.55
CIE <sub>LCh</sub>	68, 8.230, 246.609
Yxy	38.4435, 0.2898, 0.3132
Android (android.graphics.Color)	4288260532 (0xFF99A9B4)
YUV	165.4700, 7.1633, -10.9362
Hunter-Lab	62.0028, -6.1225, -3.1921

# Details

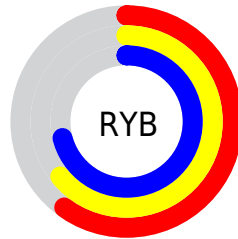
The Hex color **99A9B4** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B4A499**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **D0E0EC**, and **66757F** is the 20% darker color. If you saturate the color by 10%, you get **87A2B4**, and if you desaturate by 10%, it is **ABB0B4**.

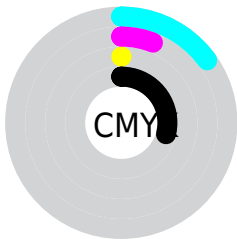
# Distribution



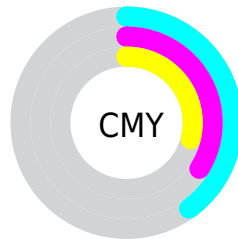
- Red (60%)
- Green (66%)
- Blue (71%)



- Red (60%)
- Yellow (64%)
- Blue (71%)



- Cyan (15%)
- Magenta (6%)
- Yellow (0%)
- Black (29%)



- Cyan (40%)
- Magenta (34%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99A9B4 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 99A9B4 by changing the saturation by 10% instead.





99A9B4



99A9B4

FFFFFF



7F8F99



D0E0EC



66757F



ECFDFF



4D5C66



36454E



202F37



0B1A22



00000B



000000



99A9B4



99A9B4

87A2B4

ABB0B4

759AB4

BDB8B4

6393B4

CFBFB4

518CB4

E1C6B4

3F84B4

F3CEB4

2D7DB4

FFD5B4

1B76B4

FFDCB4

096EB4

FFE4B4

006BB4

FFEBB4

# Harmonies

## Analogous

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



95ABAF



99A9B4



A1A7B5

# Triad

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



99A9B4



B6A2A5



A3A99B

# Complementary

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



99A9B4



B4A499

# 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.



ABA798



99A9B4



B6A29E

# Square

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



99A9B4



B2A2AD



B2A499



9BABA1

# Rectangle

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



99A9B4



A7A5B4



B2A499



A6A899

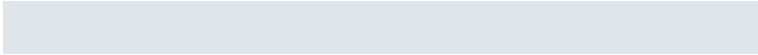


# Sweetspot

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



99A9B4



DFE6EB



99B4A4



6E7275



F5F5F5



757575



# Same Dimension

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



99A9B4



C0D9EB



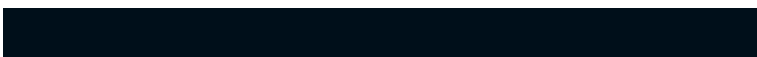
999CB4



505659



005B99



000F1A



# Inverse Universe

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



B499A9



EBC0D9



B4B199



595056



99005B

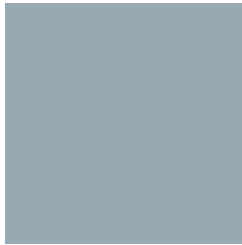


1A000F



# Previews

## White Background



This preview shows how the Hex color 99A9B4 looks on a white background.

## Color Contrast Check

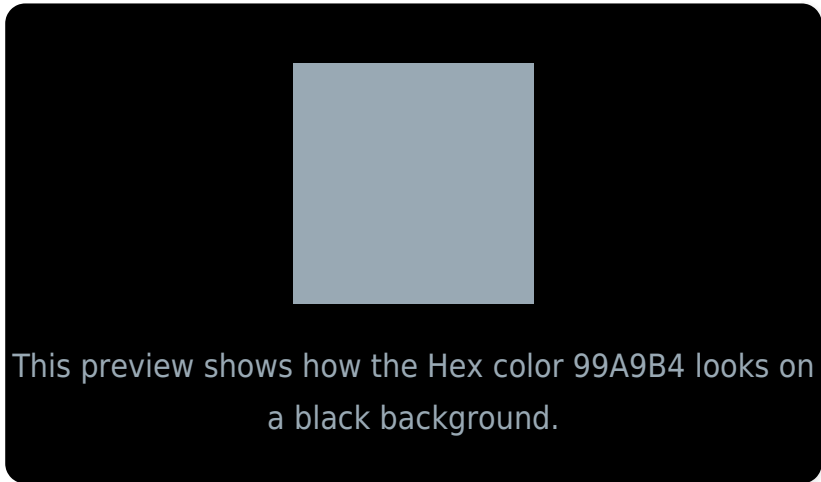
Large Text (above 18pt) WCAG AA × Fail

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

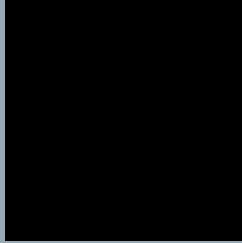
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

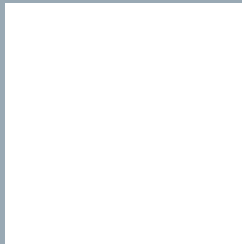
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 99A9B4 Background



This preview shows how black text looks on a background with the Hex color 99A9B4.

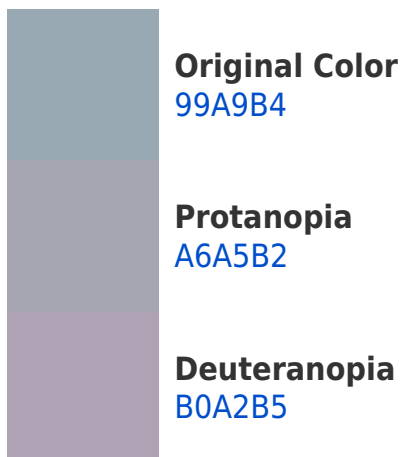


This preview shows how white text looks on a background with the Hex color 99A9B4.

# 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**  
99A9B6

# Trichromacy



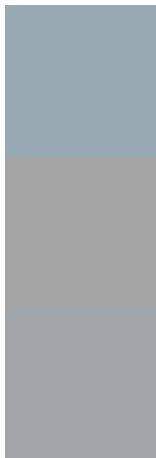
**Original Color**  
99A9B4

**Protanomaly**  
A1A6B3

**Deuteranomaly**  
A8A5B5

**Tritanomaly**  
99A9B5

# Monochromacy



**Original Color**  
99A9B4

**Achromatopsia**  
A5A5A5

**Achromatomaly**  
A1A6AA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99A9B4 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 #99A9B4 looks like.

```
.text, #text, p{  
    color:#99A9B4  
}
```

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 #99A9B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99A9B4
}
```

## Border

The CSS property to change the border of an element to Hex 99A9B4 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
#99A9B4 }
```

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

```
.border{ border-color:#99A9B4 }
```

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

Here you see how a box with a 4 pixel #99A9B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99A9B4; -webkit-box-shadow:4px 4px  
4px 4px #99A9B4; box-shadow:4px 4px 4px  
4px #99A9B4 }
```

# Background

The CSS property to change the background color of an element to Hex 99A9B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99A9B4 }
```

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

```
.background{ background-color:#99A9B4 }
```

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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