

# Converting Colors

Hex(9499B3)

Have a look what the booklet for  
Hex(9499B3) contains.

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# **Color**

**Hex(9499B3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9499B3
RGB	148, 153, 179
RGB Percent	58%, 60%, 70%
CMY	0.4196, 0.4000, 0.2980
CMYK	0.17, 0.15, 0.00, 0.30
HSL	230°, 17%, 64%
HSV	230°, 17%, 70%
XYZ	31.7407, 32.3330, 47.2158
YIQ	154.4690, -11.3260, 7.0260

# Conversions

## Conversions Part 2

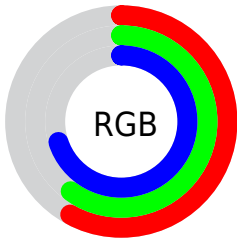
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">148, 152, 179</a>
Decimal	<a href="#">9738675</a>
CIELab	<a href="#">63.62, 3.72, -14.11</a>
CIElCh	<a href="#">64, 14.591, 284.753</a>
Yxy	<a href="#">32.3330, 0.2852, 0.2905</a>
Android (android.graphics.Color)	<a href="#">4287928755 (0xFF9499B3)</a>
YUV	<a href="#">154.4690, 12.0938, -5.6733</a>
Hunter-Lab	<a href="#">56.8621, 0.1306, -9.4283</a>

# Details

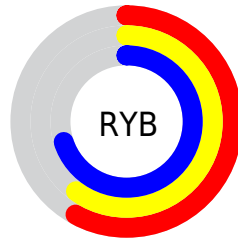
The Hex color **9499B3** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B3AE94**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **CACFEB**, and **61667E** is the 20% darker color. If you saturate the color by 10%, you get **828AB3**, and if you desaturate by 10%, it is **A6A8B3**.

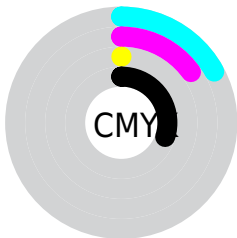
# Distribution



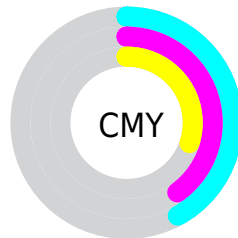
- Red (58%)
- Green (60%)
- Blue (70%)



- Red (58%)
- Yellow (60%)
- Blue (70%)



- Cyan (17%)
- Magenta (15%)
- Yellow (0%)
- Black (30%)



- Cyan (42%)
- Magenta (40%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9499B3 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 9499B3 by changing the saturation by 10% instead.



■ 9499B3

■ 9499B3

FFFFFF

■ 7A7F98

■ CACFEB

■ 61667E

■ E6EBFF

■ 494E65

■ 32374D

■ 1C2236

■ 050C21

■ 000008

■ 000000

■ 9499B3

■ 9499B3

828AB3

A6A8B3

707BB3

B8B7B3

5E6CB3

CAC6B3

4C5DB3

DCD5B3

3B4EB3

EDE4B3

293FB3

FFF3B3

1730B3

FFFFB3

0521B3

001DB3

# Harmonies

## Analogous

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



849DB3



9499B3



A495AD

# Triad

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



9499B3



B39388



81A193

# Complementary

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



9499B3



B3AE94

# 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.



8F9F87



9499B3



AB9781

# Square

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



9499B3



B69194



9E9B81



79A2A0

# Rectangle

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



9499B3



AD93A5



9E9B81



85A18F



# Sweetspot

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



9499B3



DCDEE8



94B3AE



6E6F75



F5F5F5



757575



# Same Dimension

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



9499B3



B7BFE8



9E94B3



505259



001999



00041A



# Inverse Universe

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



B39499



E8B7BF



A9B394



595052



990019

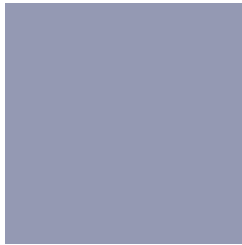


1A0004



# Previews

## White Background



This preview shows how the Hex color 9499B3 looks on a white background.

## Color Contrast Check

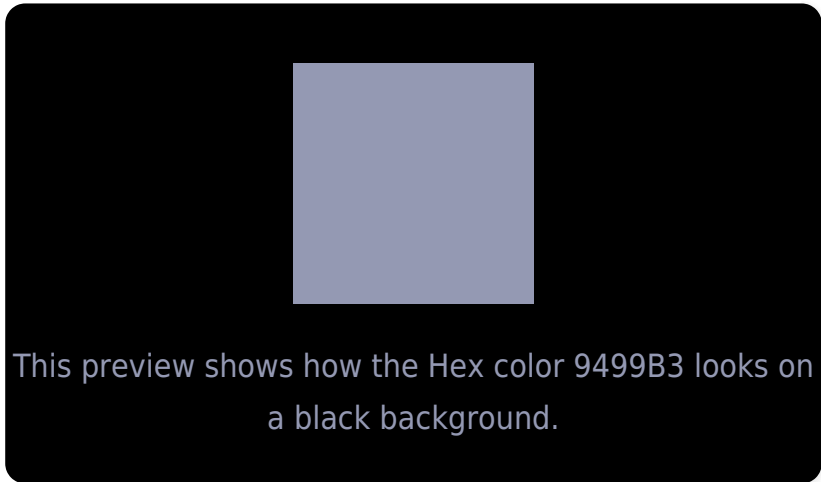
Large Text (above 18pt) WCAG AA × Fail

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

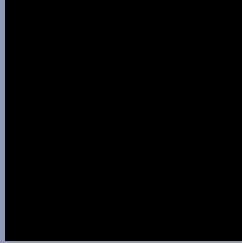
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

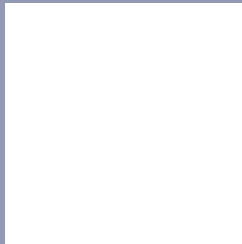
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9499B3 Background



This preview shows how black text looks on a background with the Hex color 9499B3.



This preview shows how white text looks on a background with the Hex color 9499B3.

# 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**  
9499B3

**Protanopia**  
9599B3

**Deuteranopia**  
9D96B4



**Tritanopia**  
929BA7

# Trichromacy



**Original Color**  
9499B3

**Protanomaly**  
9599B3

**Deuteranomaly**  
9A97B4

**Tritanomaly**  
939AAB

# Monochromacy



**Original Color**  
9499B3

**Achromatopsia**  
9A9A9A

**Achromatomaly**  
989AA3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9499B3 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 #9499B3 looks like.

```
.text, #text, p{  
    color:#9499B3  
}
```

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 #9499B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9499B3
}
```

## Border

The CSS property to change the border of an element to Hex 9499B3 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
#9499B3 }
```

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

```
.border{ border-color:#9499B3 }
```

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

Here you see how a box with a 4 pixel #9499B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9499B3; -webkit-box-shadow:4px 4px  
4px 4px #9499B3; box-shadow:4px 4px 4px  
4px #9499B3 }
```

# Background

The CSS property to change the background color of an element to Hex 9499B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9499B3 }
```

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

```
.background{ background-color:#9499B3 }
```

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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