

Converting Colors

Hex(999AB3)

Have a look what the booklet for
Hex(999AB3) contains.

Hex(999AB3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(999AB3)

Conversions

Conversions Part 1

Format	Color
Hex	999AB3
RGB	153, 154, 179
RGB Percent	60%, 60%, 70%
CMY	0.4000, 0.3961, 0.2980
CMYK	0.15, 0.14, 0.00, 0.30
HSL	238°, 15%, 65%
HSV	238°, 15%, 70%
XYZ	32.8292, 33.1382, 47.3139
YIQ	156.5510, -8.6210, 7.5630

Conversions

Conversions Part 2

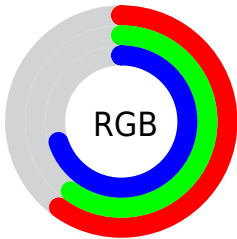
Format	Color
R_{YB}	153, 154, 179
Decimal	10066611
CIE _{Lab}	64.27, 4.81, -13.08
CIE _{LCh}	64, 13.942, 290.189
Yxy	33.1382, 0.2898, 0.2925
Android (android.graphics.Color)	4288256691 (0xFF999AB3)
YUV	156.5510, 11.0674, -3.1142
Hunter-Lab	57.5658, 1.0566, -8.4350

Details

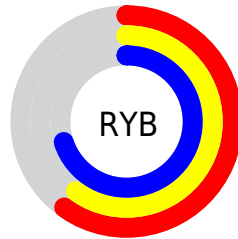
The Hex color **999AB3** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B3B299**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **CFD0EB**, and **66677E** is the 20% darker color. If you saturate the color by 10%, you get **8789B3**, and if you desaturate by 10%, it is **ABABB3**.

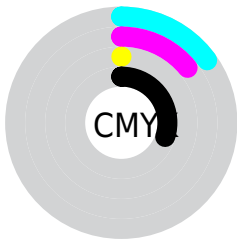
Distribution



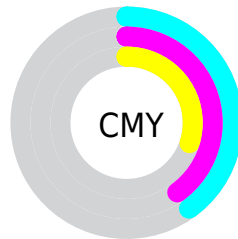
- Red (60%)
- Green (60%)
- Blue (70%)



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



- Cyan (15%)
- Magenta (14%)
- Yellow (0%)
- Black (30%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 999AB3 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 999AB3 by changing the saturation by 10% instead.



999AB3



999AB3

FFFFFF



7F8098



CFD0EB



66677E



ECEDFE



4E4F65



36384D



212336



0C0D21



000008



000000



999AB3



999AB3

8789B3

ABABB3

7578B3

BDBCB3

6366B3

CFCEB3

5155B3

E1DFB3

4044B3

F3F0B3

2E33B3

FFFFB3

1C22B3

0A10B3

0007B3

Harmonies

Analogous

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



899EB4



999AB3



A896AC

Triad

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



999AB3



B39689



82A397

Complementary

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



999AB3



B3B299

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.



8EA18C



999AB3



AA9A84

Square

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



999AB3



B69494



9D9E84



7CA3A4

Rectangle

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



999AB3



B094A5



9D9E84



86A293

Sweetspot

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



999AB3



DFDFE8



99B3B2



6F7075



F5F5F5



757575

Same Dimension

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



999AB3



C1C2E8



A599B3



505159



000699



00011A

Inverse Universe

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



B3999A



E8C1C2



A7B399



595051



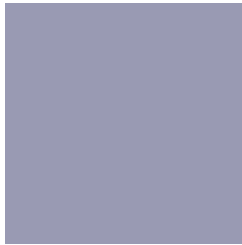
990006



1A0001

Previews

White Background



This preview shows how the Hex color 999AB3 looks on a white background.

Color Contrast Check

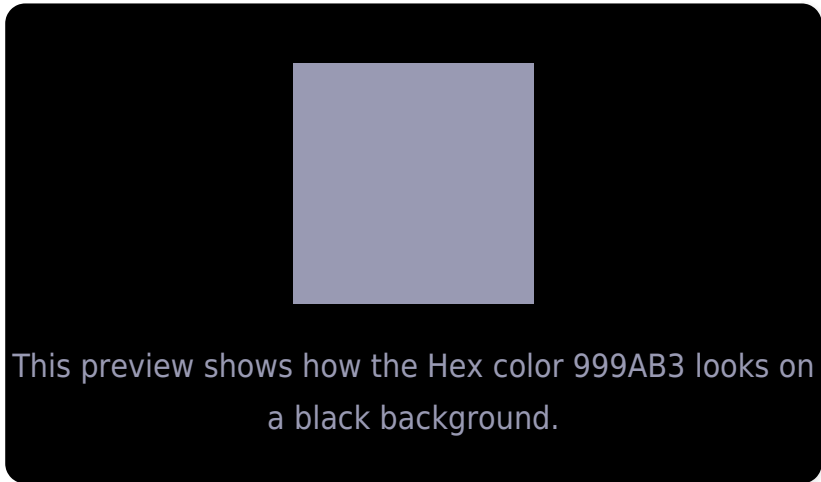
Large Text (above 18pt) WCAG AA × Fail

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

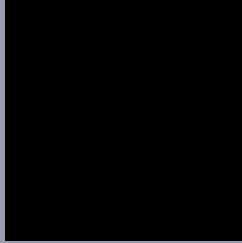
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

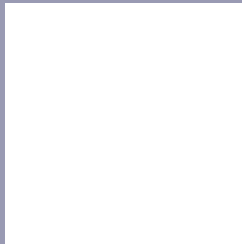
Any Text WCAG AAA ✓ Pass

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

Hex 999AB3 Background



This preview shows how black text looks on a background with the Hex color 999AB3.



This preview shows how white text looks on a background with the Hex color 999AB3.

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
999AB3

Protanopia
979AB3

Deuteranopia
A098B3



Tritanopia
979CA8

Trichromacy



Original Color

999AB3

Protanomaly

989AB3

Deuteranomaly

9D99B3

Tritanomaly

989BAC

Monochromacy



Original Color

999AB3

Achromatopsia

9D9D9D

Achromatomaly

9C9CA5

CSS Examples

Text

The CSS property to change the color of the text to Hex 999AB3 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 #999AB3 looks like.

```
.text, #text, p{  
    color:#999AB3  
}
```

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 #999AB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #999AB3  
}
```

Border

The CSS property to change the border of an element to Hex 999AB3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

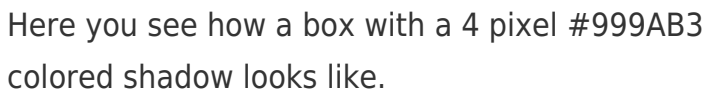
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#999AB3 }
```

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

```
.border{ border-color:#999AB3 }
```

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



Here you see how a box with a 4 pixel #999AB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #999AB3; -webkit-box-shadow:4px 4px  
4px 4px #999AB3; box-shadow:4px 4px 4px  
4px #999AB3 }
```

Background

The CSS property to change the background color of an element to Hex 999AB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#999AB3 }
```

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

```
.background{ background-color:#999AB3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor