

# Converting Colors

Hex(96B3B9)

Have a look what the booklet for  
Hex(96B3B9) contains.

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# **Color**

**Hex(96B3B9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	96B3B9
RGB	150, 179, 185
RGB Percent	59%, 70%, 73%
CMY	0.4118, 0.2980, 0.2745
CMYK	0.19, 0.03, 0.00, 0.27
HSL	190°, 20%, 66%
HSV	190°, 19%, 73%
XYZ	37.4547, 42.2270, 52.0755
YIQ	171.0130, -19.2100, -4.2820

# Conversions

## Conversions Part 2

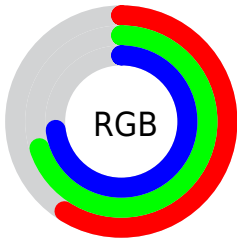
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	150, 166, 185
Decimal	9876409
CIE <sub>Lab</sub>	71.03, -8.54, -6.36
CIE <sub>LCh</sub>	71, 10.652, 216.658
Yxy	42.2270, 0.2843, 0.3205
Android (android.graphics.Color)	4288066489 (0xFF96B3B9)
YUV	171.0130, 6.8956, -18.4284
Hunter-Lab	64.9823, -10.8346, -2.0262

# Details

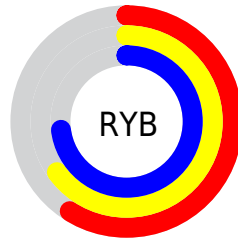
The Hex color **96B3B9** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B99C96**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **CDEBF1**, and **637E84** is the 20% darker color. If you saturate the color by 10%, you get **84B0B9**, and if you desaturate by 10%, it is **A9B6B9**.

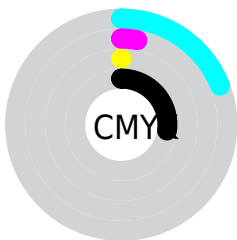
# Distribution



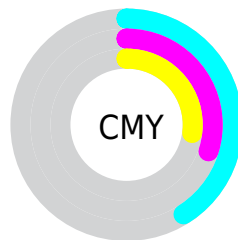
- Red (59%)
- Green (70%)
- Blue (73%)



- Red (59%)
- Yellow (65%)
- Blue (73%)



- Cyan (19%)
- Magenta (3%)
- Yellow (0%)
- Black (27%)



- Cyan (41%)
- Magenta (30%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96B3B9 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 96B3B9 by changing the saturation by 10% instead.





96B3B9



96B3B9

FFFFFF



7C989E



CDEBF1



637E84



E9FFFF



4A656B



334D53



1C373C



052126



000811



000000



96B3B9



96B3B9

84B0B9

A9B6B9

71ADB9

BBB9B9

5FA9B9

CDBDB9

4CA6B9

E0C0B9

3AA3B9

F3C3B9

27A0B9

FFC6B9

149DB9

FFC9B9

029AB9

FFCCB9

0099B9

FFD0B9

# Harmonies

## Analogous

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



97B4B0



96B3B9



9CB1BF

# Triad

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



96B3B9



BDA8B6



B4AE9B

# Complementary

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



96B3B9



B99C96

# 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.



BDAB9C



96B3B9



C2A7AC

# Square

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



96B3B9



B3ABBD



C2A8A3



A9B19E

# Rectangle

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



96B3B9



A2AFC1



C2A8A3



B7AD9B

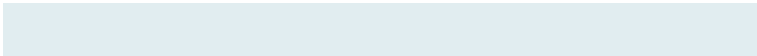


# Sweetspot

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



96B3B9



E1EDF0



96B99C



6F7678



F7F7F7



787878



# Same Dimension

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



96B3B9



B9E6F0



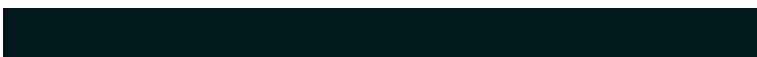
96A2B9



535A5C



00819C



00171C



# Inverse Universe

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



B996B3



F0B9E6



B9AD96



5C535A



9C0081



1C0017



# Previews

## White Background



This preview shows how the Hex color 96B3B9 looks on a white background.

## Color Contrast Check

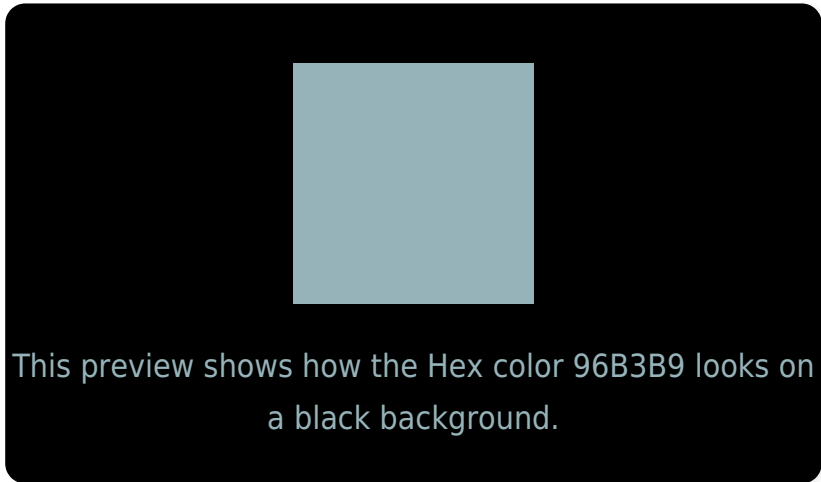
Large Text (above 18pt) WCAG AA × Fail

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

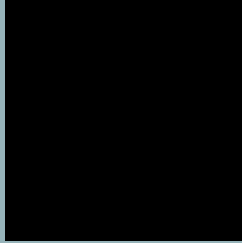
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

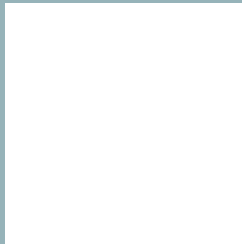
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 96B3B9 Background



This preview shows how black text looks on a background with the Hex color 96B3B9.

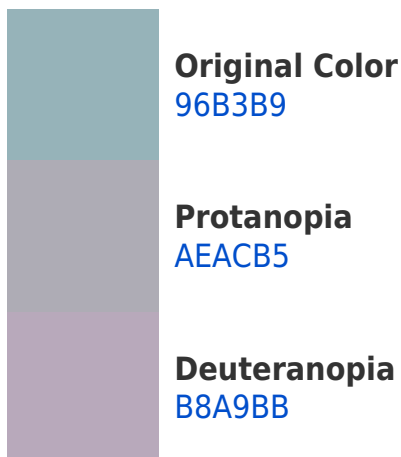


This preview shows how white text looks on a background with the Hex color 96B3B9.

# 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](#).

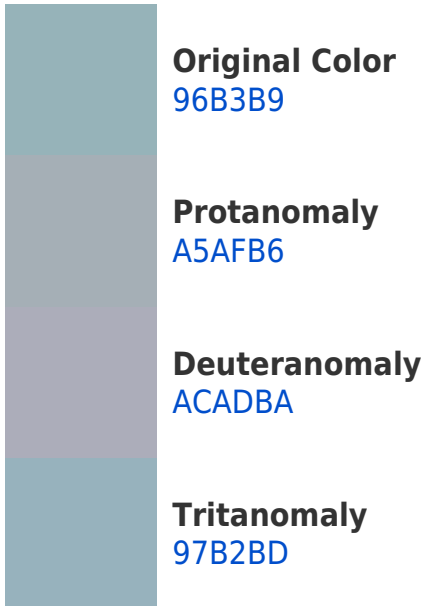
## Dichromacy



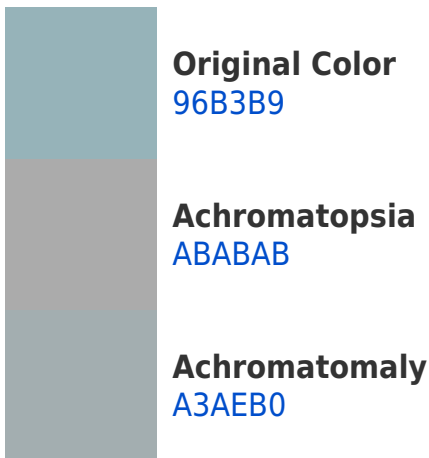


**Tritanopia**  
97B2C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96B3B9 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 #96B3B9 looks like.

```
.text, #text, p{  
    color:#96B3B9  
}
```

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 #96B3B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96B3B9
}
```

## Border

The CSS property to change the border of an element to Hex 96B3B9 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
#96B3B9 }
```

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

```
.border{ border-color:#96B3B9 }
```

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

Here you see how a box with a 4 pixel #96B3B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96B3B9; -webkit-box-shadow:4px 4px  
4px 4px #96B3B9; box-shadow:4px 4px 4px  
4px #96B3B9 }
```

# Background

The CSS property to change the background color of an element to Hex 96B3B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96B3B9 }
```

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

```
.background{ background-color:#96B3B9 }
```

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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