

# Converting Colors

Hex(96B5BD)

Have a look what the booklet for  
Hex(96B5BD) contains.

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# **Color**

**Hex(96B5BD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	96B5BD
RGB	150, 181, 189
RGB Percent	59%, 71%, 74%
CMY	0.4118, 0.2902, 0.2588
CMYK	0.21, 0.04, 0.00, 0.26
HSL	192°, 23%, 66%
HSV	192°, 21%, 74%
XYZ	38.2869, 43.2059, 54.4658
YIQ	172.6430, -21.0440, -4.0840

# Conversions

## Conversions Part 2

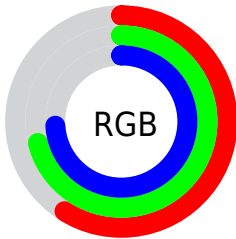
Format	Color
<a href="#">RYB</a>	<a href="#">150, 167, 189</a>
Decimal	<a href="#">9876925</a>
CIELab	<a href="#">71.69, -8.73, -7.57</a>
CIElCh	<a href="#">72, 11.550, 220.927</a>
Yxy	<a href="#">43.2059, 0.2816, 0.3178</a>
Android (android.graphics.Color)	<a href="#">4288067005 (0xFF96B5BD)</a>
YUV	<a href="#">172.6430, 8.0640, -19.8579</a>
Hunter-Lab	<a href="#">65.7312, -11.0576, -3.1167</a>

# Details

The Hex color **96B5BD** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **BD9E96**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **CDEDF5**, and **628088** is the 20% darker color. If you saturate the color by 10%, you get **83B1BD**, and if you desaturate by 10%, it is **A9B9BD**.

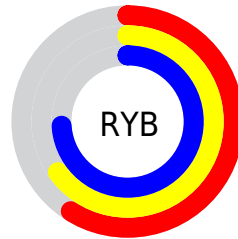
# Distribution



Red (59%)

Green (71%)

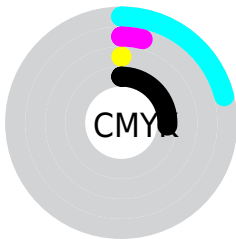
Blue (74%)



Red (59%)

Yellow (65%)

Blue (74%)

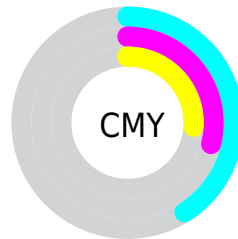


Cyan (21%)

Magenta (4%)

Yellow (0%)

Black (26%)



Cyan (41%)

Magenta (29%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96B5BD 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 96B5BD by changing the saturation by 10% instead.





96B5BD



96B5BD

FFFFFF



7C9AA2



CDEDF5



628088



E9FFFF



4A676E



324F56



1B383F



032329



000C15



000000



96B5BD



96B5BD

83B1BD

A9B9BD

70ADBD

BCBDBD

5DA9BD

CFC1BD

4AA5BD

E2C5BD

38A2BD

F5C8BD

259EBD

FFCCBD

129ABD

FFD0BD

0096BD

FFD4BD

FFD8BD

# Harmonies

## Analogous

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



96B6B3



96B5BD



9DB3C3

# Triad

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



96B5BD



C1A9B7



B4B09B

# Complementary

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



96B5BD



BD9E96

# 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.



BFAD9C



96B5BD



C6A9AC

# Square

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



96B5BD



B6ACC0



C5AAA2



A8B3A0

# Rectangle

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



96B5BD



A5B0C4



C5AAA2



B8AF9B

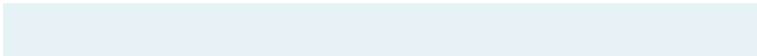


# Sweetspot

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



96B5BD



E6F2F5



96BD9E



72797A



FAFAFA



7A7A7A



# Same Dimension

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



96B5BD



B8E8F5



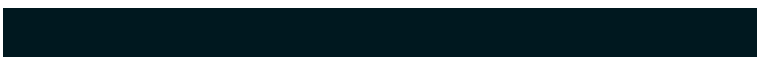
96A2BD



555C5E



007E9E



00181F



# Inverse Universe

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



BD96B5



F5B8E8



BDB196



5E555C



9E007E



1F0018



# Previews

## White Background



This preview shows how the Hex color 96B5BD looks on a white background.

## Color Contrast Check

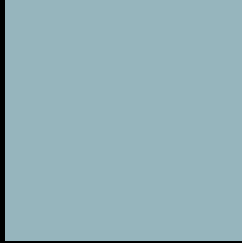
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 96B5BD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

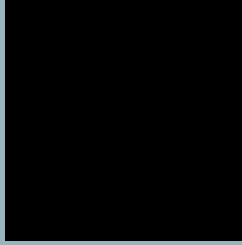
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

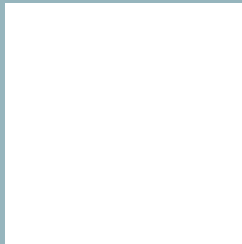
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 96B5BD Background



This preview shows how black text looks on a background with the Hex color 96B5BD.

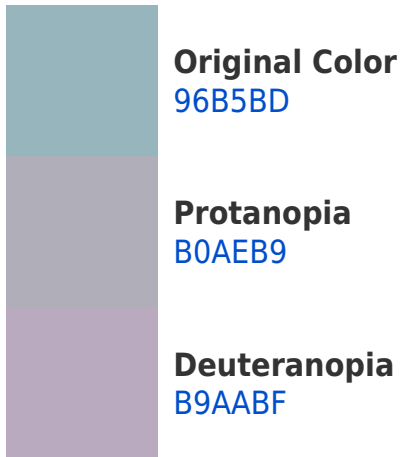


This preview shows how white text looks on a background with the Hex color 96B5BD.

# 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](#).

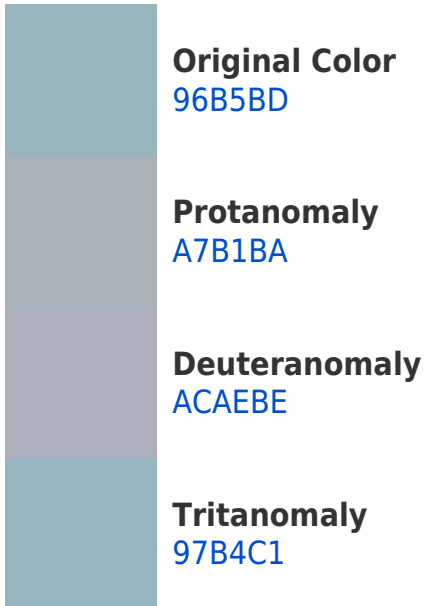
## Dichromacy



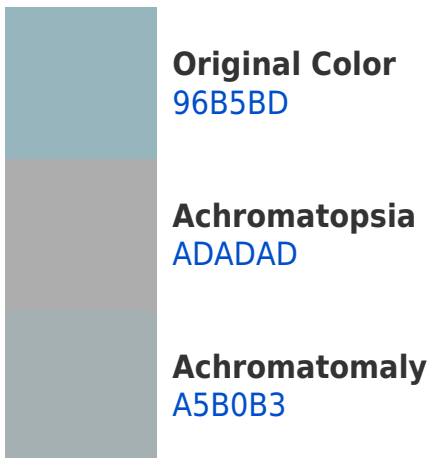


**Tritanopia**  
97B4C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96B5BD 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 #96B5BD looks like.

```
.text, #text, p{  
    color:#96B5BD  
}
```

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 #96B5BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96B5BD  
}
```

## Border

The CSS property to change the border of an element to Hex 96B5BD 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  
#96B5BD }
```

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

```
.border{ border-color:#96B5BD }
```

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

Here you see how a box with a 4 pixel #96B5BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96B5BD; -webkit-box-shadow:4px 4px  
4px 4px #96B5BD; box-shadow:4px 4px 4px  
4px #96B5BD }
```

# Background

The CSS property to change the background color of an element to Hex 96B5BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96B5BD }
```

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

```
.background{ background-color:#96B5BD }
```

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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