

# Converting Colors

Hex(96C3BD)

Have a look what the booklet for  
Hex(96C3BD) contains.

<b>Hex(96C3BD)</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(96C3BD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	96C3BD
RGB	150, 195, 189
RGB Percent	59%, 76%, 74%
CMY	0.4118, 0.2353, 0.2588
CMYK	0.23, 0.00, 0.03, 0.24
HSL	172°, 27%, 68%
HSV	172°, 23%, 76%
XYZ	41.2781, 49.1884, 55.4628
YIQ	180.8610, -24.8940, -11.4060

# Conversions

## Conversions Part 2

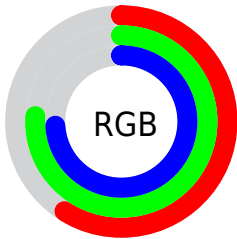
<b>Format</b>	<b>Color</b>
<b>RYB</b>	150, 174, 195
Decimal	9880509
CIELab	75.57, -16.05, -1.85
CIELCh	76, 16.154, 186.577
Yxy	49.1884, 0.2829, 0.3371
Android (android.graphics.Color)	4288070589 (0xFF96C3BD)
YUV	180.8610, 4.0125, -27.0651
Hunter-Lab	70.1344, -17.6778, 2.2071

# Details

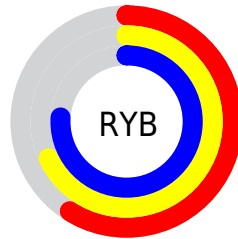
The Hex color **96C3BD** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C3969C**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **CDFCF5**, and **628D88** is the 20% darker color. If you saturate the color by 10%, you get **83C3BA**, and if you desaturate by 10%, it is **AAC3C0**.

# Distribution



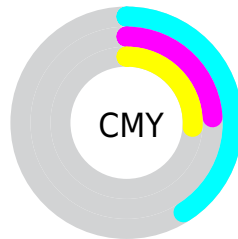
- Red (59%)
- Green (76%)
- Blue (74%)



- Red (59%)
- Yellow (68%)
- Blue (76%)



- Cyan (23%)
- Magenta (0%)
- Yellow (3%)
- Black (24%)



- Cyan (41%)
- Magenta (24%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96C3BD 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 96C3BD by changing the saturation by 10% instead.



 96C3BD

 96C3BD

FFFFFF


 7CA8A2

 CDFCF5

 628D88

 E9FFFF

 49746E

 315B56

 18433F

 002D29

 001915

 000000

 96C3BD

 96C3BD

 83C3BA

 AAC3C0

 6FC3B8

 BDC3C2

 5CC3B5

 D0C3C5

 48C3B3

 E4C3C7

 35C3B0

 F8C3CA

 21C3AD

 FFC3CD

 0EC3AB

 FFC3CF

 00C3A9

 FFC3D2

 FFC3D4

# Harmonies

## Analogous

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



A1C2AE



96C3BD



94C2CB

# Triad

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



96C3BD



C1B5D2



D1B59F

# Complementary

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



96C3BD



C3969C

# 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.



D9B1A9



96C3BD



D1B1C6

# Square

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



96C3BD



AEBAD7



D9B0B7



C3BA9D

# Rectangle

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



96C3BD



99C0D2



D9B0B7



D4B4A2

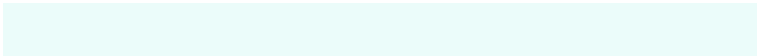


# Sweetspot

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



96C3BD



EBFCFA



9CC396



75807E



000000



808080



# Same Dimension

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



96C3BD



B6FCF3



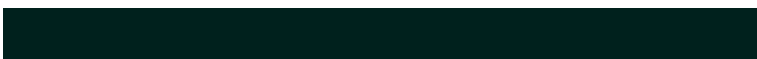
96B3C3



576160



00A18B



00211D



# Inverse Universe

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



C3969C



FCB6BF



C3A796



615759



A10015



210004



# Previews

## White Background



This preview shows how the Hex color 96C3BD looks on a white background.

## Color Contrast Check

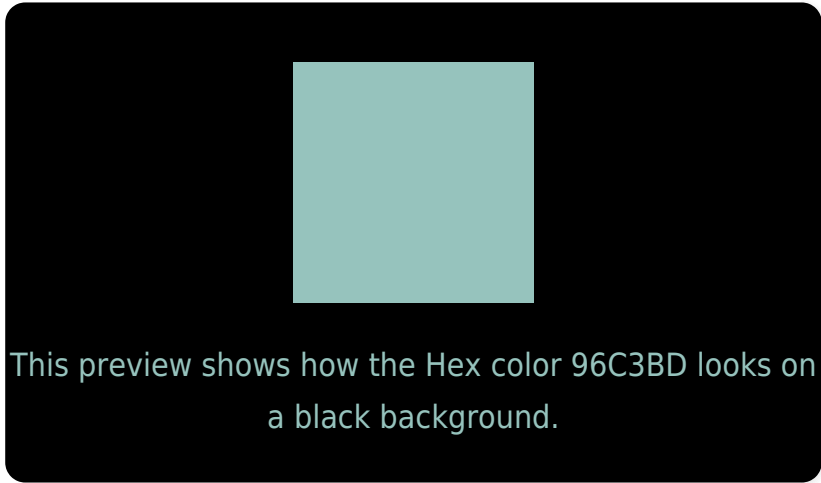
Large Text (above 18pt) WCAG AA × Fail

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

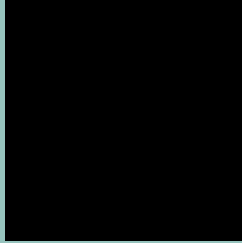
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

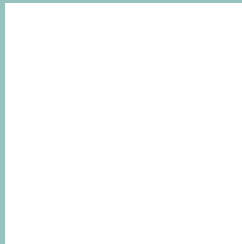
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 96C3BD Background



This preview shows how black text looks on a background with the Hex color 96C3BD.



This preview shows how white text looks on a background with the Hex color 96C3BD.

# 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



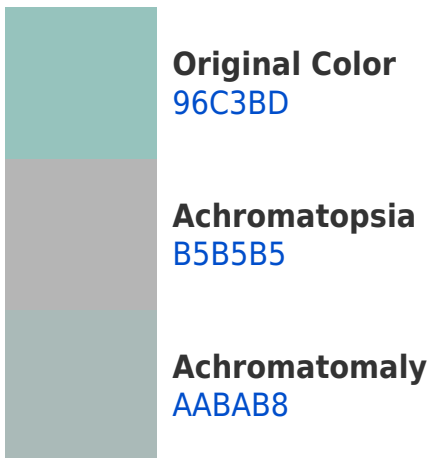


**Tritanopia**  
9AC0D0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96C3BD 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 #96C3BD looks like.

```
.text, #text, p{  
    color:#96C3BD  
}
```

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 #96C3BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96C3BD
}
```

## Border

The CSS property to change the border of an element to Hex 96C3BD 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
#96C3BD }
```

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

```
.border{ border-color:#96C3BD }
```

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

Here you see how a box with a 4 pixel #96C3BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96C3BD; -webkit-box-shadow:4px 4px  
4px 4px #96C3BD; box-shadow:4px 4px 4px  
4px #96C3BD }
```

# Background

The CSS property to change the background color of an element to Hex 96C3BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96C3BD }
```

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

```
.background{ background-color:#96C3BD }
```

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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