

# Converting Colors

Hex(96B5C4)

Have a look what the booklet for  
Hex(96B5C4) contains.

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# **Color**

**Hex(96B5C4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	96B5C4
RGB	150, 181, 196
RGB Percent	59%, 71%, 77%
CMY	0.4118, 0.2902, 0.2314
CMYK	0.23, 0.08, 0.00, 0.23
HSL	200°, 28%, 68%
HSV	200°, 23%, 77%
XYZ	39.0654, 43.5173, 58.5653
YIQ	173.4410, -23.2910, -1.9070

# Conversions

## Conversions Part 2

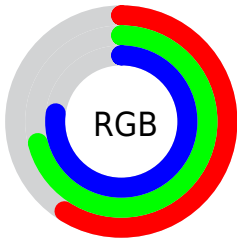
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">150, 169, 196</a>
Decimal	<a href="#">9876932</a>
CIELab	<a href="#">71.90, -7.15, -11.09</a>
CIElCh	<a href="#">72, 13.194, 237.205</a>
Yxy	<a href="#">43.5173, 0.2768, 0.3083</a>
Android (android.graphics.Color)	<a href="#">4288067012 (0xFF96B5C4)</a>
YUV	<a href="#">173.4410, 11.1216, -20.5578</a>
Hunter-Lab	<a href="#">65.9676, -9.7375, -6.4596</a>

# Details

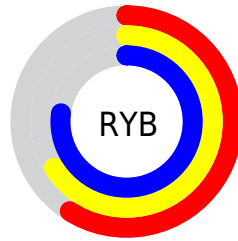
The Hex color **96B5C4** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C4A596**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **CDEDFD**, and **62808E** is the 20% darker color. If you saturate the color by 10%, you get **82AFC4**, and if you desaturate by 10%, it is **AABBC4**.

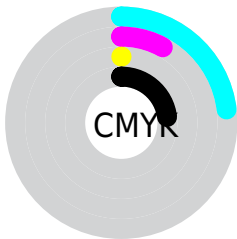
# Distribution



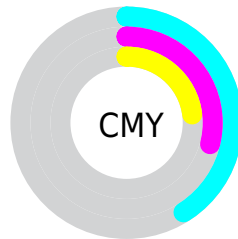
- Red (59%)
- Green (71%)
- Blue (77%)



- Red (59%)
- Yellow (66%)
- Blue (77%)



- Cyan (23%)
- Magenta (8%)
- Yellow (0%)
- Black (23%)



- Cyan (41%)
- Magenta (29%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96B5C4 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 96B5C4 by changing the saturation by 10% instead.



 96B5C4

 96B5C4

FFFFFF


 7C9AA9

 CDEDFD


 62808E

 E9FFFF

 496775

 314F5C

 1A3845

 01232E

 000D1A

 000000

 96B5C4

 96B5C4

82AFC4

AABBC4

6FA8C4

BDC2C4

5BA2C4

D1C8C4

489BC4

E4CFC4

3495C4

F8D5C4

208FC4

FFDBC4

0D88C4

FFE2C4

0084C4

FFE8C4

FFEFC4

# Harmonies

## Analogous

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



91B7BB



96B5C4



A2B2C8

# Triad

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



96B5C4



C8A8B2



AEB39B

# Complementary

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



96B5C4



C4A596

# 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.



BBAF98



96B5C4



CAA9A6

# Square

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



96B5C4



BFAABD



C5AB9C



A0B6A3

# Rectangle

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



96B5C4



ACAFC7



C5AB9C



B3B299

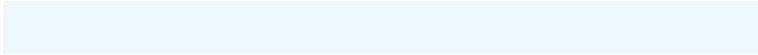


# Sweetspot

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



96B5C4



EDF9FF



96C4A5



757C80



000000



808080

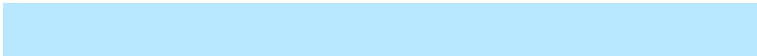


# Same Dimension

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



96B5C4



B8E8FF



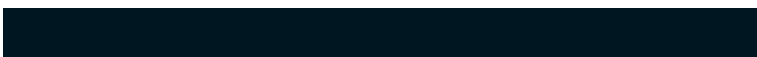
969EC4



575E61



006CA1



001621



# Inverse Universe

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



C496B5



FFB8E8



C4BC96



61575E



A1006C

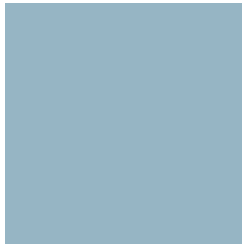


210016



# Previews

## White Background



This preview shows how the Hex color 96B5C4 looks on a white background.

## Color Contrast Check

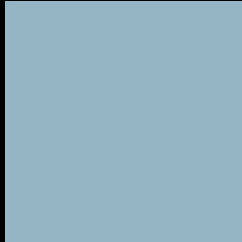
Large Text (above 18pt) WCAG AA × Fail

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 96B5C4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

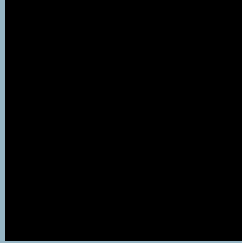
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

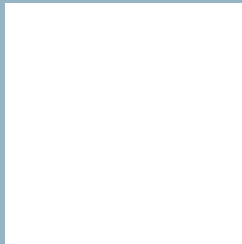
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 96B5C4 Background



This preview shows how black text looks on a background with the Hex color 96B5C4.

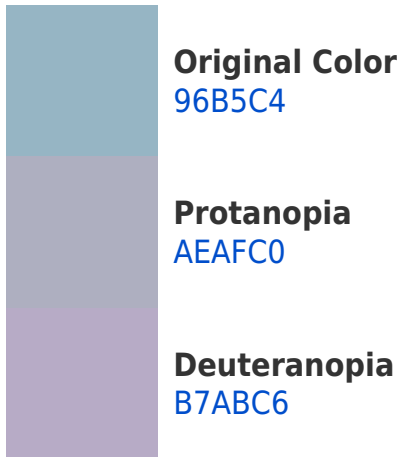


This preview shows how white text looks on a background with the Hex color 96B5C4.

# 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](#).

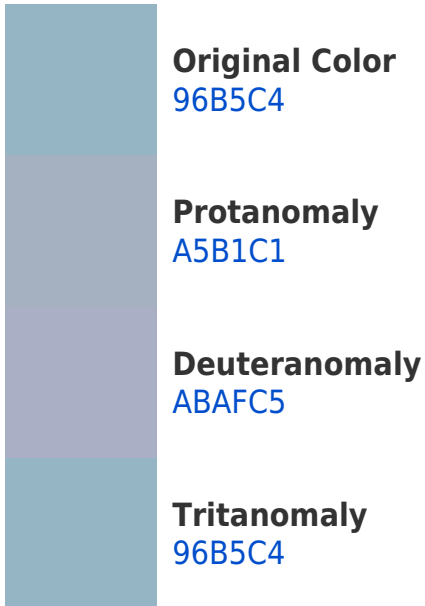
## Dichromacy



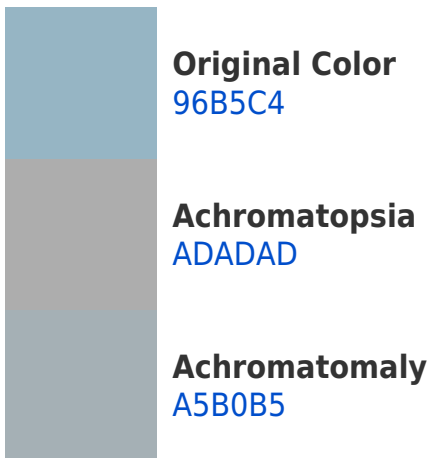


**Tritanopia**  
96B5C4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96B5C4 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 #96B5C4 looks like.

```
.text, #text, p{  
    color:#96B5C4  
}
```

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 #96B5C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96B5C4  
}
```

## Border

The CSS property to change the border of an element to Hex 96B5C4 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  
#96B5C4 }
```

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

```
.border{ border-color:#96B5C4 }
```

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

Here you see how a box with a 4 pixel #96B5C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96B5C4; -webkit-box-shadow:4px 4px  
4px 4px #96B5C4; box-shadow:4px 4px 4px  
4px #96B5C4 }
```

# Background

The CSS property to change the background color of an element to Hex 96B5C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96B5C4 }
```

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

```
.background{ background-color:#96B5C4 }
```

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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