

# Converting Colors

Hex(96C5A0)

Have a look what the booklet for  
Hex(96C5A0) contains.

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# **Color**

**Hex(96C5A0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	96C5A0
RGB	150, 197, 160
RGB Percent	59%, 77%, 63%
CMY	0.4118, 0.2275, 0.3725
CMYK	0.24, 0.00, 0.19, 0.23
HSL	133°, 29%, 68%
HSV	133°, 24%, 77%
XYZ	38.8891, 48.9546, 40.6572
YIQ	178.7290, -16.1350, -21.4710

# Conversions

## Conversions Part 2

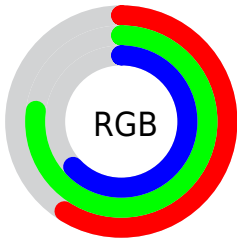
Format	Color
<a href="#">RYB</a>	<a href="#">150, 189, 197</a>
Decimal	<a href="#">9880992</a>
CIELab	<a href="#">75.42, -22.87, 13.61</a>
CIELCh	<a href="#">75, 26.613, 149.252</a>
Yxy	<a href="#">48.9546, 0.3026, 0.3810</a>
Android (android.graphics.Color)	<a href="#">4288071072 (0xFF96C5A0)</a>
YUV	<a href="#">178.7290, -9.2334, -25.1953</a>
Hunter-Lab	<a href="#">69.9676, -23.2301, 14.5247</a>

# Details

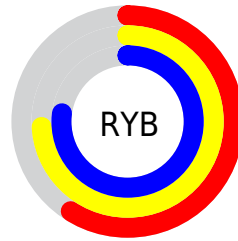
The Hex color **96C5A0** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C596BB**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **CDFED7**, and **628F6C** is the 20% darker color. If you saturate the color by 10%, you get **82C590**, and if you desaturate by 10%, it is **AAC5B0**.

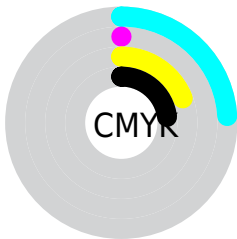
# Distribution



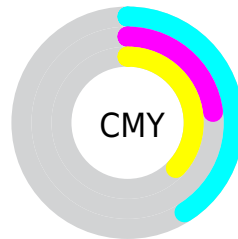
- Red (59%)
- Green (77%)
- Blue (63%)



- Red (59%)
- Yellow (74%)
- Blue (77%)



- Cyan (24%)
- Magenta (0%)
- Yellow (19%)
- Black (23%)



- Cyan (41%)
- Magenta (23%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96C5A0 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 96C5A0 by changing the saturation by 10% instead.





96C5A0



96C5A0

FFFFFF



7CAA86



CDFED7



628F6C



E9FFF3



497554



315C3D



194527



002E12



001B00



000000



96C5A0



96C5A0

 82C590

 AAC5B0

 6FC581

 BDC5BF

 5BC571

 D1C5CF

 47C562

 E5C5DE

 34C552

 F9C5EE

 20C543

 FFC5FD

 0CC533

 FFC5FF

 00C52A

# Harmonies

## Analogous

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



B2C08F



96C5A0



7DC8B8

# Triad

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



96C5A0



9BBCEA



EBAAA3

# Complementary

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



96C5A0



C596BB

# 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.



E9A8BB



96C5A0



BDB4E4

# Square

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



96C5A0



7DC3E3



D9ACD3



E1B090

# Rectangle

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



96C5A0



73C7C9



D9ACD3



ECA9AB



# Sweetspot

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



96C5A0



EDFFF1



BCC596



758077



000000



808080

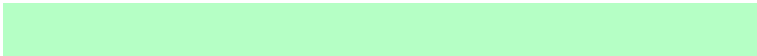


# Same Dimension

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



96C5A0



B5FFC5



96C5B7



5A635C



00A323



002408



# Inverse Universe

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



C596BB



FFB5EF



C596A4



635A61



A30080

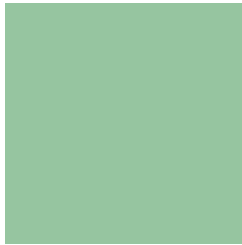


24001C



# Previews

## White Background



This preview shows how the Hex color 96C5A0 looks on a white background.

## Color Contrast Check

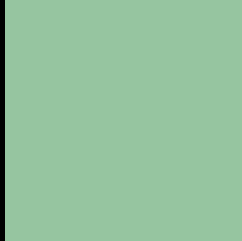
Large Text (above 18pt) WCAG AA × Fail

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 96C5A0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

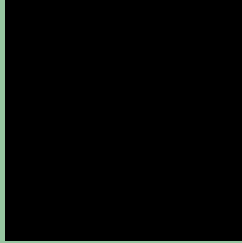
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 96C5A0 Background



This preview shows how black text looks on a background with the Hex color 96C5A0.

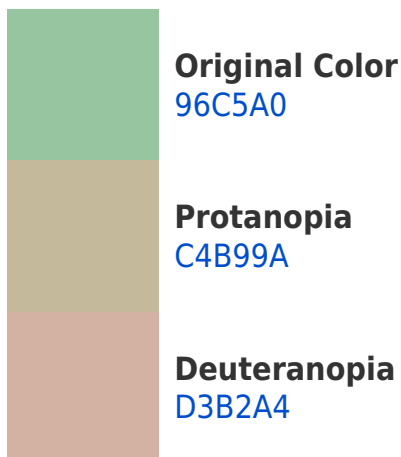


This preview shows how white text looks on a background with the Hex color 96C5A0.

# 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](#).

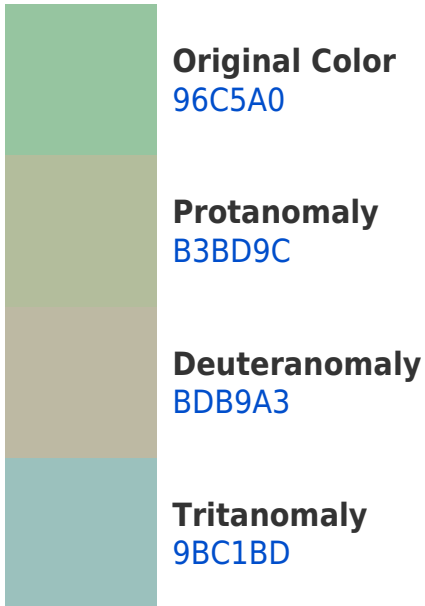
## Dichromacy



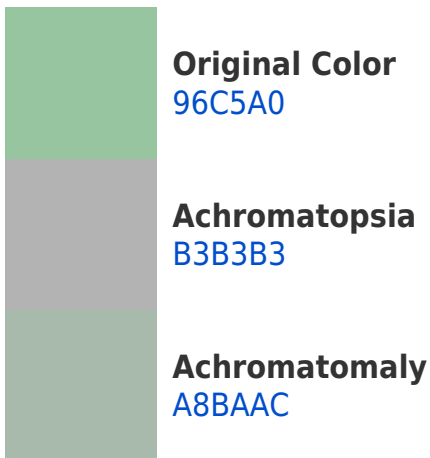


**Tritanopia**  
9EBFCE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96C5A0 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 #96C5A0 looks like.

```
.text, #text, p{  
    color:#96C5A0  
}
```

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 #96C5A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96C5A0
}
```

## Border

The CSS property to change the border of an element to Hex 96C5A0 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
#96C5A0 }
```

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

```
.border{ border-color:#96C5A0 }
```

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

Here you see how a box with a 4 pixel #96C5A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96C5A0; -webkit-box-shadow:4px 4px  
4px 4px #96C5A0; box-shadow:4px 4px 4px  
4px #96C5A0 }
```

# Background

The CSS property to change the background color of an element to Hex 96C5A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96C5A0 }
```

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

```
.background{ background-color:#96C5A0 }
```

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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