

Converting Colors

Hex(96B9C5)

Have a look what the booklet for
Hex(96B9C5) contains.

Hex(96B9C5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(96B9C5)

Conversions

Conversions Part 1

Format	Color
Hex	96B9C5
RGB	150, 185, 197
RGB Percent	59%, 73%, 77%
CMY	0.4118, 0.2745, 0.2275
CMYK	0.24, 0.06, 0.00, 0.23
HSL	195°, 29%, 68%
HSV	195°, 24%, 77%
XYZ	40.0047, 45.2132, 59.4419
YIQ	175.9030, -24.7120, -3.6880

Conversions

Conversions Part 2

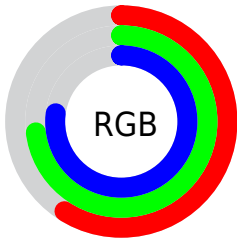
Format	Color
RYB	150, 170, 197
Decimal	9877957
CIELab	73.03, -9.05, -9.95
CIELCh	73, 13.454, 227.727
Yxy	45.2132, 0.2765, 0.3125
Android (android.graphics.Color)	4288068037 (0xFF96B9C5)
YUV	175.9030, 10.4008, -22.7169
Hunter-Lab	67.2407, -11.4732, -5.3448

Details

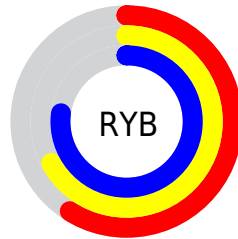
The Hex color **96B9C5** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C5A296**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **CDF1FE**, and **62848F** is the 20% darker color. If you saturate the color by 10%, you get **82B4C5**, and if you desaturate by 10%, it is **AABEC5**.

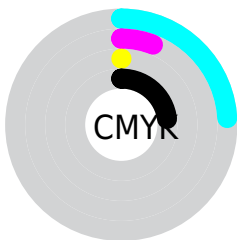
Distribution



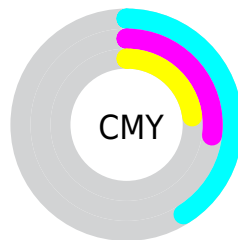
- Red (59%)
- Green (73%)
- Blue (77%)



- Red (59%)
- Yellow (67%)
- Blue (77%)



- Cyan (24%)
- Magenta (6%)
- Yellow (0%)
- Black (23%)



- Cyan (41%)
- Magenta (27%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96B9C5 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 96B9C5 by changing the saturation by 10% instead.



96B9C5



96B9C5

FFFFFF



7C9EAA



CDF1FE



62848F



E9FFFF



496B76



31535D



193B45



00262F



00111A



000000



96B9C5



96B9C5

82B4C5

AABEC5

6FAFC5

BDC3C5

5BAAC5

D1C8C5

47A5C5

E5CDC5

34A0C5

F9D2C5

209BC5

FFD7C5

0C96C5

FFDCC5

0093C5

FFE1C5

FFE6C5

Harmonies

Analogous

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



94BBBA



96B9C5



A0B6CB

Triad

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



96B9C5



C9ABB9



B5B59C

Complementary

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



96B9C5



C5A296

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.



C2B19B



96B9C5



CEABAC

Square

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



96B9C5



BEAEC4



CBADA2



A7B8A2

Rectangle

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



96B9C5



AAB3CB



CBADA2



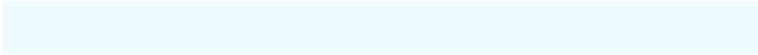
BAB39B

Sweetspot

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



96B9C5



EDFAFF



96C5A2



757D80



000000



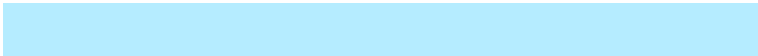
808080

Same Dimension

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



96B9C5



B5ECFF



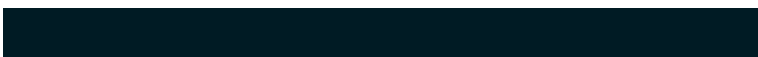
96A2C5



5A6163



007AA3



001B24

Inverse Universe

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



C596B9



FFB5EC



C5B996



635A61



A3007A



24001B

Previews

White Background



This preview shows how the Hex color 96B9C5 looks on a white background.

Color Contrast Check

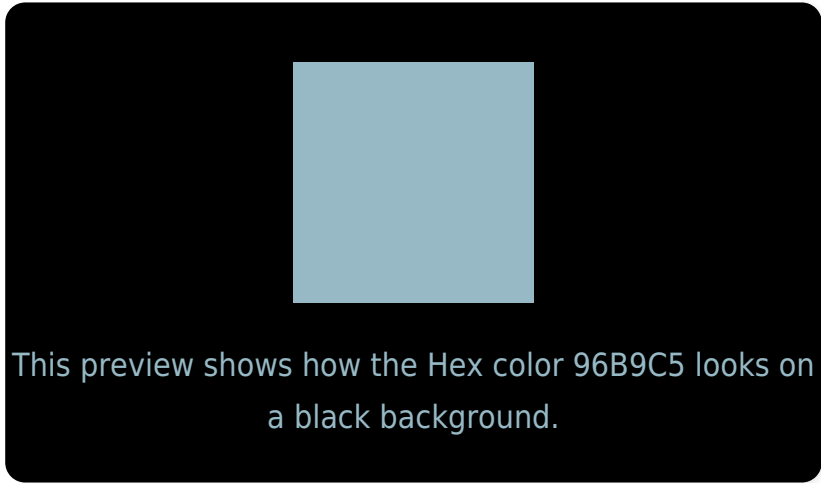
Large Text (above 18pt) WCAG AA × Fail

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

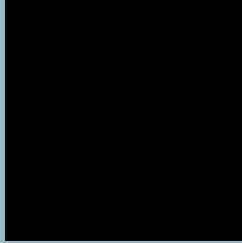
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

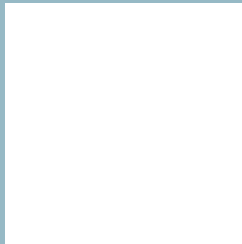
Any Text WCAG AAA ✓ Pass

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

Hex 96B9C5 Background



This preview shows how black text looks on a background with the Hex color 96B9C5.

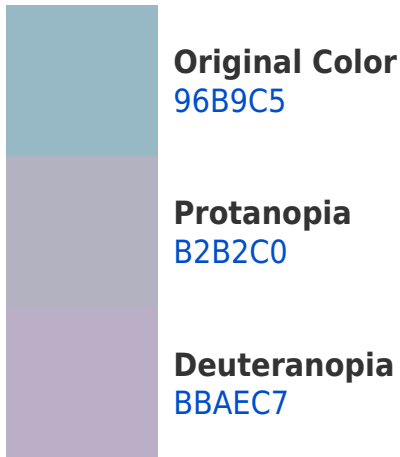


This preview shows how white text looks on a background with the Hex color 96B9C5.

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](#).

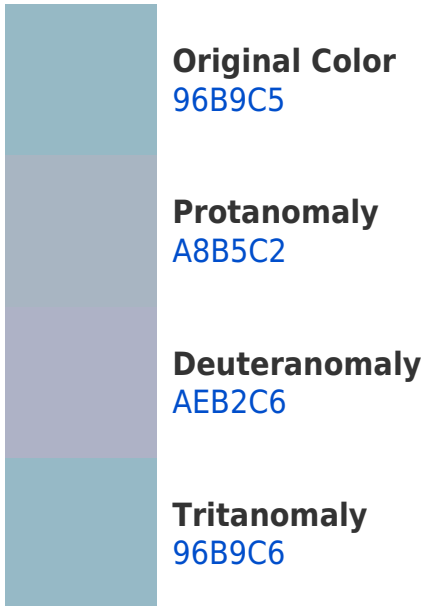
Dichromacy



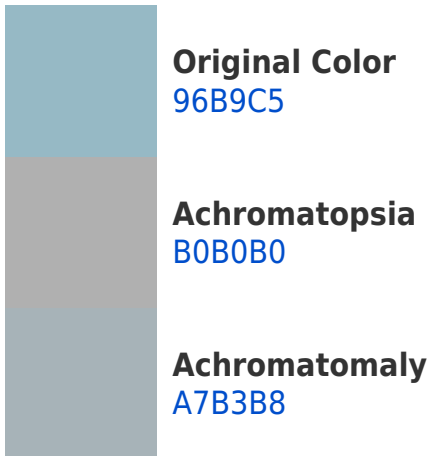


Tritanopia
96B9C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96B9C5 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 #96B9C5 looks like.

```
.text, #text, p{  
    color:#96B9C5  
}
```

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 #96B9C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96B9C5
}
```

Border

The CSS property to change the border of an element to Hex 96B9C5 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
#96B9C5 }
```

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

```
.border{ border-color:#96B9C5 }
```

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

Here you see how a box with a 4 pixel #96B9C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96B9C5; -webkit-box-shadow:4px 4px  
4px 4px #96B9C5; box-shadow:4px 4px 4px  
4px #96B9C5 }
```

Background

The CSS property to change the background color of an element to Hex 96B9C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96B9C5 }
```

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

```
.background{ background-color:#96B9C5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor