

# Converting Colors

Hex(96B799)

Have a look what the booklet for  
Hex(96B799) contains.

<b>Hex(96B799)</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(96B799)**

# Conversions

## Conversions Part 1

Format	Color
Hex	96B799
RGB	150, 183, 153
RGB Percent	59%, 72%, 60%
CMY	0.4118, 0.2824, 0.4000
CMYK	0.18, 0.00, 0.16, 0.28
HSL	125°, 19%, 65%
HSV	125°, 18%, 72%
XYZ	35.2609, 42.6509, 36.5110
YIQ	169.7130, -10.0380, -16.3260

# Conversions

## Conversions Part 2

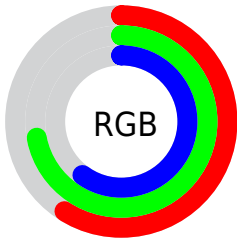
Format	Color
<a href="#">RYB</a>	<a href="#">150, 180, 183</a>
Decimal	<a href="#">9877401</a>
CIELab	<a href="#">71.32, -17.10, 11.60</a>
CIELCh	<a href="#">71, 20.661, 145.845</a>
Yxy	<a href="#">42.6509, 0.3082, 0.3727</a>
Android (android.graphics.Color)	<a href="#">4288067481 (0xFF96B799)</a>
YUV	<a href="#">169.7130, -8.2395, -17.2883</a>
Hunter-Lab	<a href="#">65.3077, -17.9126, 12.5686</a>

# Details

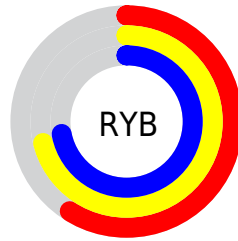
The Hex color **96B799** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B796B4**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **CDEFCE**, and **638266** is the 20% darker color. If you saturate the color by 10%, you get **84B788**, and if you desaturate by 10%, it is **A8B7AA**.

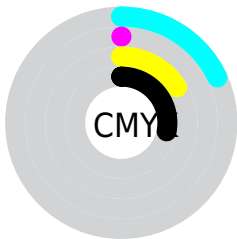
# Distribution



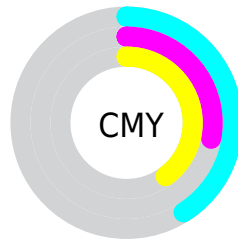
- Red (59%)
- Green (72%)
- Blue (60%)



- Red (59%)
- Yellow (71%)
- Blue (72%)



- Cyan (18%)
- Magenta (0%)
- Yellow (16%)
- Black (28%)



- Cyan (41%)
- Magenta (28%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96B799 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 96B799 by changing the saturation by 10% instead.





96B799



96B799

FFFFFF



7C9C7F



CDEFCE



638266



E9FFEC



4A694E



335037



1D3921



07240C



000900



000000



96B799



96B799

 84B788

 A8B7AA

 71B778

 BBB7BA

 5FB767

 CDB7CB

 4DB756

 DFB7DC

 3BB746

 F2B7EC

 28B735

 FFB7FD

 16B725

 FFB7FF

 04B714

 00B711

# Harmonies

## Analogous

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



ACB28D



96B799



84B9AB

# Triad

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



96B799



95B1D4



D6A29F

# Complementary

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



96B799



B796B4

# 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.



D2A2B2



96B799



AFABD0

# Square

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



96B799



81B6CD



C5A5C4



CFA690

# Rectangle

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



96B799



7CB9B8



C5A5C4



D6A2A5

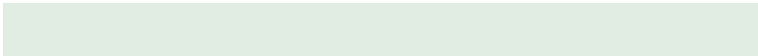


# Sweetspot

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



96B799



E1EDE2



B4B796



717871



F7F7F7



787878

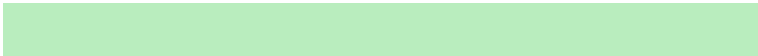


# Same Dimension

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



96B799



B9EDBE



96B7A9



535C53



009C0E



001C03



# Inverse Universe

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



B796B4



EDB9E8



B796A4



5C535B



9C008D



1C001A



# Previews

## White Background



This preview shows how the Hex color 96B799 looks on a white background.

## Color Contrast Check

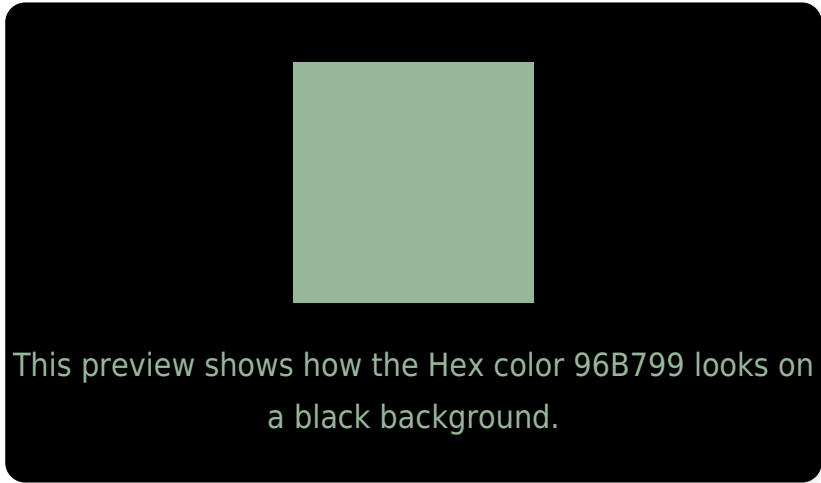
Large Text (above 18pt) WCAG AA × Fail

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

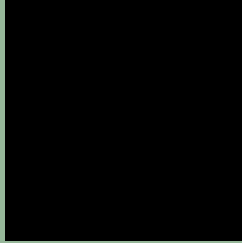
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 96B799 Background



This preview shows how black text looks on a background with the Hex color 96B799.

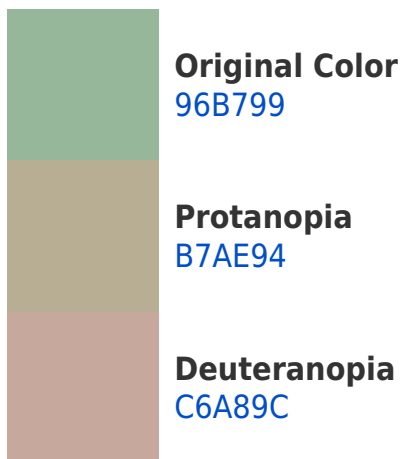


This preview shows how white text looks on a background with the Hex color 96B799.

# 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](#).

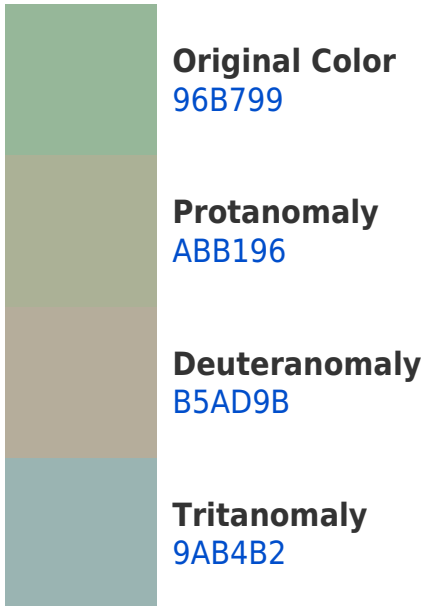
## Dichromacy



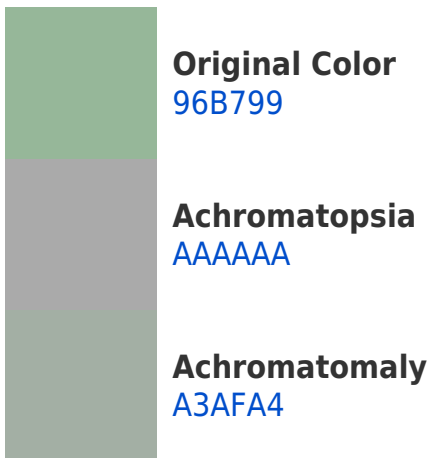


**Tritanopia**  
9DB2C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96B799 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 #96B799 looks like.

```
.text, #text, p{  
    color:#96B799  
}
```

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 #96B799 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96B799
}
```

## Border

The CSS property to change the border of an element to Hex 96B799 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
#96B799 }
```

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

```
.border{ border-color:#96B799 }
```

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

Here you see how a box with a 4 pixel #96B799 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96B799; -webkit-box-shadow:4px 4px  
4px 4px #96B799; box-shadow:4px 4px 4px  
4px #96B799 }
```

# Background

The CSS property to change the background color of an element to Hex 96B799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96B799 }
```

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

```
.background{ background-color:#96B799 }
```

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