

# Converting Colors

Hex(96C18E)

Have a look what the booklet for  
Hex(96C18E) contains.

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# **Color**

**Hex(96C18E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	96C18E
RGB	150, 193, 142
RGB Percent	59%, 76%, 56%
CMY	0.4118, 0.2431, 0.4431
CMYK	0.22, 0.00, 0.26, 0.24
HSL	111°, 29%, 66%
HSV	111°, 26%, 76%
XYZ	36.5301, 46.5770, 32.6561
YIQ	174.3290, -9.2570, -24.9770

# Conversions

## Conversions Part 2

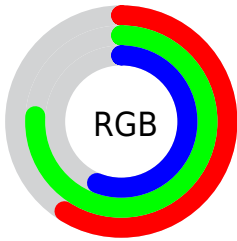
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">142, 193, 185</a>
Decimal	<a href="#">9879950</a>
CIELab	<a href="#">73.92, -24.05, 21.16</a>
CIELCh	<a href="#">74, 32.031, 138.660</a>
Yxy	<a href="#">46.5770, 0.3156, 0.4023</a>
Android (android.graphics.Color)	<a href="#">4288070030 (0xFF96C18E)</a>
YUV	<a href="#">174.3290, -15.9382, -21.3365</a>
Hunter-Lab	<a href="#">68.2473, -23.8887, 19.4031</a>

# Details

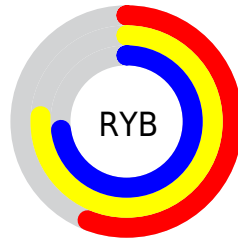
The Hex color **96C18E** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B98EC1**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **CDFAC4**, and **628B5B** is the 20% darker color. If you saturate the color by 10%, you get **86C17B**, and if you desaturate by 10%, it is **A6C1A1**.

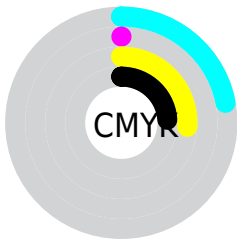
# Distribution



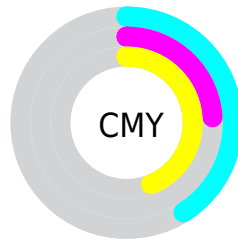
- Red (59%)
- Green (76%)
- Blue (56%)



- Red (56%)
- Yellow (76%)
- Blue (73%)



- Cyan (22%)
- Magenta (0%)
- Yellow (26%)
- Black (24%)



- Cyan (41%)
- Magenta (24%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96C18E 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 96C18E by changing the saturation by 10% instead.





96C18E



96C18E

FFFFFF



7CA674



CDFAC4



628B5B



E9FFE0



497244

FFFFFFD



31592D



194117



042B00



001600



000000



96C18E



96C18E

 86C17B

 A6C1A1

 75C167

 B7C1B5

 65C154

 C7C1C8

 55C141

 D7C1DB

 45C12E

 E7C1EE

 34C11A

 F8C1FF

 24C107

 FFC1FF

 1EC100

# Harmonies

## Analogous

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



B7BA7D



96C18E



74C5A9

# Triad

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



96C18E



7EBCEF



F1A0A4

# Complementary

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



96C18E



B98EC1

# 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.



E9A1C2



96C18E



AAB2ED

# Square

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



96C18E



5CC3E1



D0A8DD



E9A68B

# Rectangle

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



96C18E



60C6BD



D0A8DD



F0A0AE



# Sweetspot

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



96C18E



E9FAE6



C1B98E



727D70



FCFCFC



7D7D7D

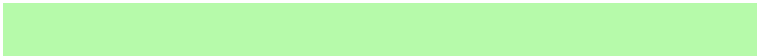


# Same Dimension

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



96C18E



B6FAAA



8EC19F



596157



19A100



052100



# Inverse Universe

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



B98EC1



EDAAFA



C18EB0



5F5761



8700A1



1C0021



# Previews

## White Background



This preview shows how the Hex color 96C18E looks on a white background.

## Color Contrast Check

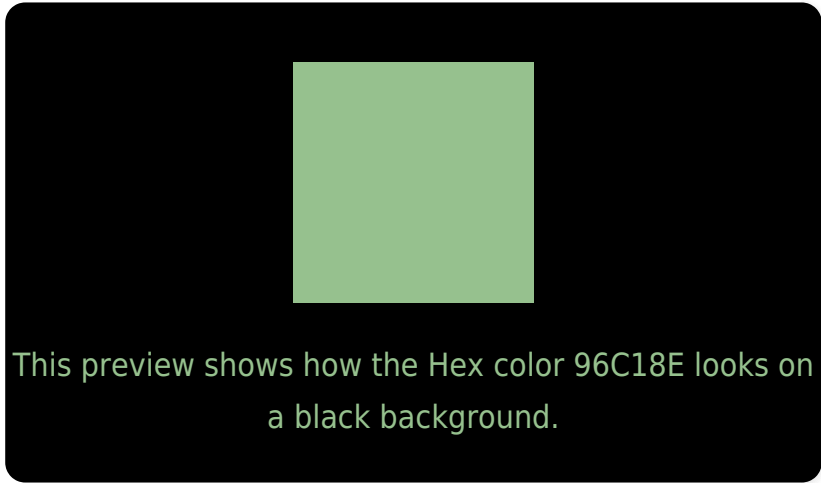
Large Text (above 18pt) WCAG AA × Fail

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

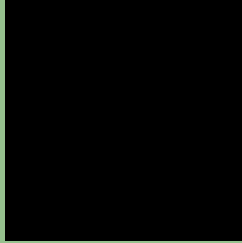
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 96C18E Background



This preview shows how black text looks on a background with the Hex color 96C18E.

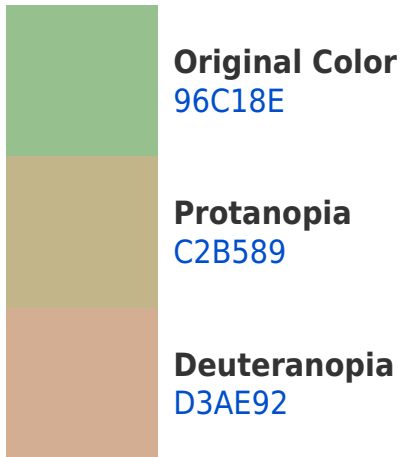


This preview shows how white text looks on a background with the Hex color 96C18E.

# 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



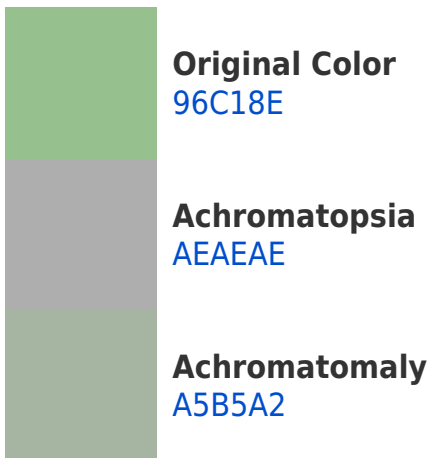


**Tritanopia**  
A0B9C8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96C18E 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 #96C18E looks like.

```
.text, #text, p{  
    color:#96C18E  
}
```

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 #96C18E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96C18E
}
```

## Border

The CSS property to change the border of an element to Hex 96C18E 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
#96C18E }
```

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

```
.border{ border-color:#96C18E }
```

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

Here you see how a box with a 4 pixel #96C18E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96C18E; -webkit-box-shadow:4px 4px  
4px 4px #96C18E; box-shadow:4px 4px 4px  
4px #96C18E }
```

# Background

The CSS property to change the background color of an element to Hex 96C18E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96C18E }
```

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

```
.background{ background-color:#96C18E }
```

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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