

# Converting Colors

Hex(96CF9E)

Have a look what the booklet for  
Hex(96CF9E) contains.

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**Color**

**Hex(96CF9E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	96CF9E
RGB	150, 207, 158
RGB Percent	59%, 81%, 62%
CMY	0.4118, 0.1882, 0.3804
CMYK	0.28, 0.00, 0.24, 0.19
HSL	128°, 37%, 70%
HSV	128°, 28%, 81%
XYZ	41.0621, 53.5783, 40.5252
YIQ	184.3710, -18.2430, -27.3230

# Conversions

## Conversions Part 2

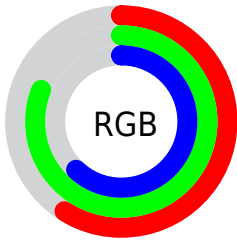
<b>Format</b>	<b>Color</b>
<b>RYB</b>	150, 200, 207
Decimal	9883550
CIELab	78.22, -28.12, 18.58
CIELCh	78, 33.700, 146.550
Yxy	53.5783, 0.3038, 0.3964
Android (android.graphics.Color)	4288073630 (0xFF96CF9E)
YUV	184.3710, -13.0009, -30.1434
Hunter-Lab	73.1972, -27.9604, 18.4125

# Details

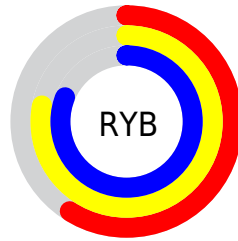
The Hex color **96CF9E** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **CF96C7**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **CDFFD5**, and **61986A** is the 20% darker color. If you saturate the color by 10%, you get **81CF8C**, and if you desaturate by 10%, it is **ABCFB0**.

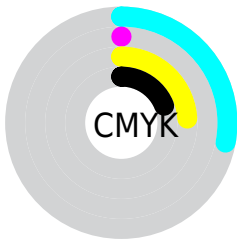
# Distribution



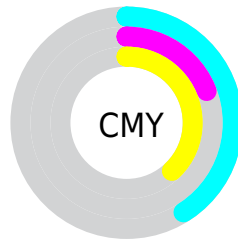
- Red (59%)
- Green (81%)
- Blue (62%)



- Red (59%)
- Yellow (78%)
- Blue (81%)



- Cyan (28%)
- Magenta (0%)
- Yellow (24%)
- Black (19%)



- Cyan (41%)
- Magenta (19%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96CF9E 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 96CF9E by changing the saturation by 10% instead.





96CF9E



96CF9E

FFFFFF



7BB384



CDFFD5



61986A



EAFFF1



487E52



2F653B



154D25



00350F



002100



000000



96CF9E



96CF9E

 81CF8C

 ABCFB0

 6DCF7A

 BFCFC2

 58CF69

 D4CFD3

 43CF57

 E9CFE5

 2FCF45

 FECFF7

 1ACF33

 FFCFFF

 05CF21

 00CF1D

# Harmonies

## Analogous

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



BAC889



96CF9E



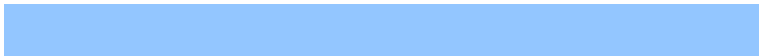
72D2BD

# Triad

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



96CF9E



93C6FF



FFACA7

# Complementary

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



96CF9E



CF96C7

# 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.



FCAAC6



96CF9E



C1BBF9

# Square

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



96CF9E



69CEF5



E6B0E4



F3B48E

# Rectangle

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



96CF9E



60D3D2



E6B0E4



FFAAB1



# Sweetspot

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



96CF9E



EBFFED



C7CF96



738075



000000



808080

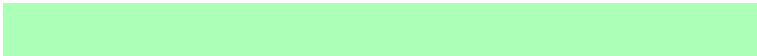


# Same Dimension

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



96CF9E



ABFFB7



96CFBA



5E6960



00A818



002906



# Inverse Universe

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



CF96C7



FFABF3



CF96AB



695E67



A80091

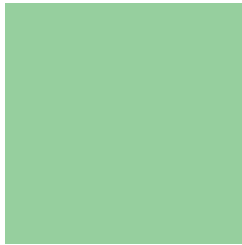


290023



# Previews

## White Background



This preview shows how the Hex color 96CF9E looks on a white background.

## Color Contrast Check

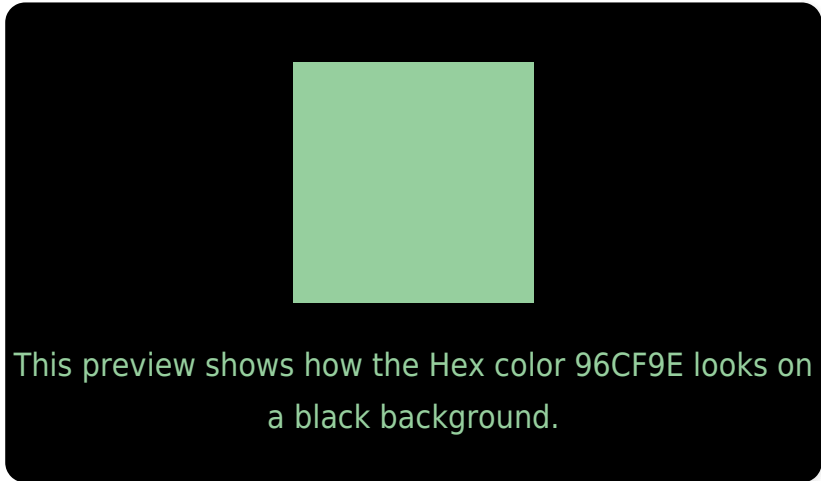
Large Text (above 18pt) WCAG AA × Fail

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 96CF9E Background



This preview shows how black text looks on a background with the Hex color 96CF9E.

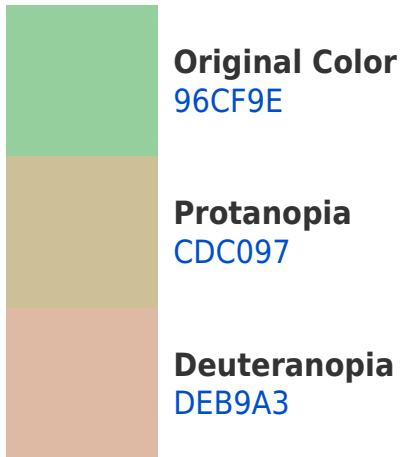


This preview shows how white text looks on a background with the Hex color 96CF9E.

# 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](#).

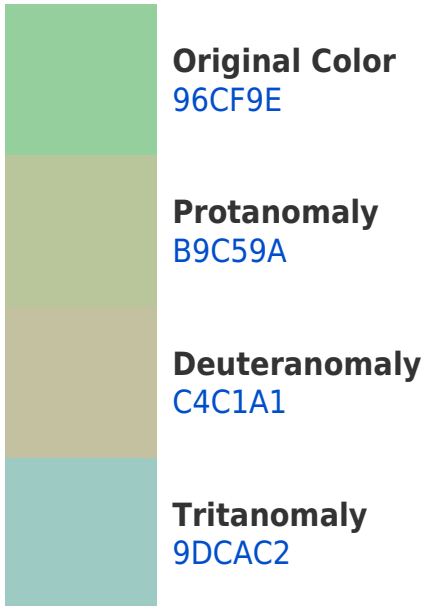
## Dichromacy



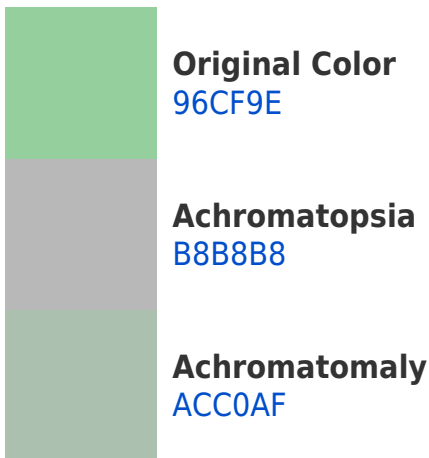


**Tritanopia**  
A1C7D7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96CF9E 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 #96CF9E looks like.

```
.text, #text, p{  
    color:#96CF9E  
}
```

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 #96CF9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96CF9E
}
```

## Border

The CSS property to change the border of an element to Hex 96CF9E 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
#96CF9E }
```

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

```
.border{ border-color:#96CF9E }
```

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

Here you see how a box with a 4 pixel #96CF9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96CF9E; -webkit-box-shadow:4px 4px  
4px 4px #96CF9E; box-shadow:4px 4px 4px  
4px #96CF9E }
```

# Background

The CSS property to change the background color of an element to Hex 96CF9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96CF9E }
```

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

```
.background{ background-color:#96CF9E }
```

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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