

Converting Colors

Hex(96C4A3)

Have a look what the booklet for
Hex(96C4A3) contains.

Hex(96C4A3)	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(96C4A3)

Conversions

Conversions Part 1

Format	Color
Hex	96C4A3
RGB	150, 196, 163
RGB Percent	59%, 77%, 64%
CMY	0.4118, 0.2314, 0.3608
CMYK	0.23, 0.00, 0.17, 0.23
HSL	137°, 28%, 68%
HSV	137°, 23%, 77%
XYZ	38.9285, 48.6082, 41.9809
YIQ	178.4840, -16.8230, -20.0150

Conversions

Conversions Part 2

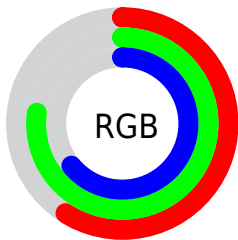
Format	Color
RYB	150, 186, 196
Decimal	9880739
CIELab	75.21, -21.82, 11.69
CIELCh	75, 24.749, 151.820
Yxy	48.6082, 0.3006, 0.3753
Android (android.graphics.Color)	4288070819 (0xFF96C4A3)
YUV	178.4840, -7.6336, -24.9805
Hunter-Lab	69.7196, -22.3425, 13.1029

Details

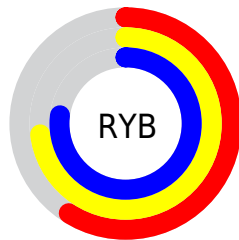
The Hex color **96C4A3** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C496B7**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **CDFDDA**, and **628E6F** is the 20% darker color. If you saturate the color by 10%, you get **82C495**, and if you desaturate by 10%, it is **AAC4B1**.

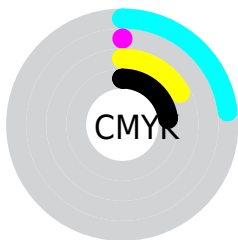
Distribution



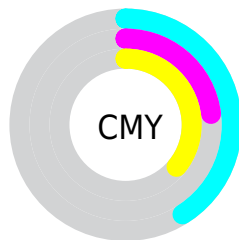
- Red (59%)
- Green (77%)
- Blue (64%)



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



- Cyan (23%)
- Magenta (0%)
- Yellow (17%)
- Black (23%)



- Cyan (41%)
- Magenta (23%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96C4A3 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 96C4A3 by changing the saturation by 10% instead.



96C4A3



96C4A3

FFFFFF



7CA989



CDFDDA



628E6F



E9FFF6



497457



315C3F



1A4429



012D15



001B00



000000



96C4A3



96C4A3

 82C495

 AAC4B1

 6FC487

 BDC4BF

 5BC479

 D1C4CD

 48C46B

 E4C4DB

 34C45D

 F8C4E9

 20C44F

 FFC4F7

 0DC441

 FFC4FF

 00C437

Harmonies

Analogous

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



B0BF92



96C4A3



80C6BA

Triad

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



96C4A3



A0BBE6



E7ABA2

Complementary

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



96C4A3



C496B7

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.



E6A9B9



96C4A3



BFB3E0

Square

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



96C4A3



84C1E1



D8ACCF



DCB192

Rectangle

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



96C4A3



79C6C9



D8ACCF



E8A9A9

Sweetspot

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



96C4A3



EDFFF2



B8C496



758078



000000



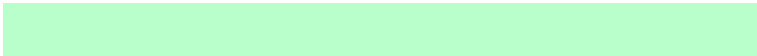
808080

Same Dimension

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



96C4A3



B8FFCC



96C4B9



57615A



00A12D



002109

Inverse Universe

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



C496B7



FFB8EB



C496A1



61575E



A10073



210018

Previews

White Background



This preview shows how the Hex color 96C4A3 looks on a white background.

Color Contrast Check

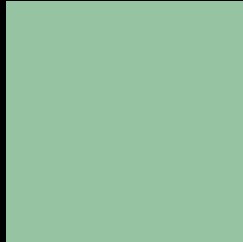
Large Text (above 18pt) WCAG AA × Fail

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 96C4A3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

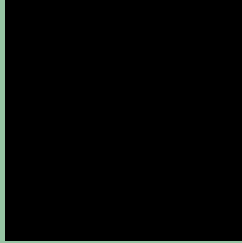
Any Text WCAG AA ✓ Pass

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 96C4A3 Background



This preview shows how black text looks on a background with the Hex color 96C4A3.

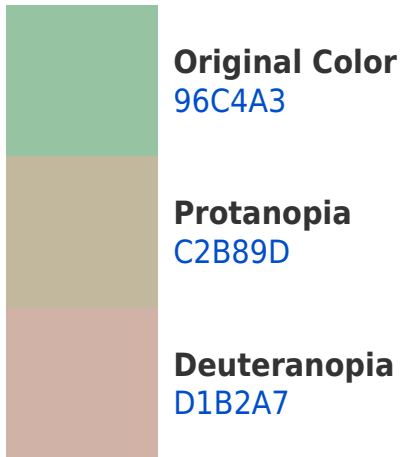


This preview shows how white text looks on a background with the Hex color 96C4A3.

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](#).

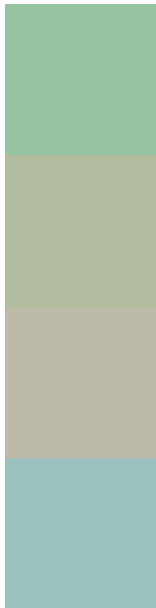
Dichromacy





Tritanopia
9EBECD

Trichromacy



Original Color
96C4A3

Protanomaly
B2BC9F

Deuteranomaly
BCB9A6

Tritanomaly
9BC0BE

Monochromacy



Original Color
96C4A3

Achromatopsia
B2B2B2

Achromatomaly
A8B9AD

CSS Examples

Text

The CSS property to change the color of the text to Hex 96C4A3 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 #96C4A3 looks like.

```
.text, #text, p{  
    color:#96C4A3  
}
```

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 #96C4A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96C4A3
}
```

Border

The CSS property to change the border of an element to Hex 96C4A3 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
#96C4A3 }
```

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

```
.border{ border-color:#96C4A3 }
```

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

Here you see how a box with a 4 pixel #96C4A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96C4A3; -webkit-box-shadow:4px 4px  
4px 4px #96C4A3; box-shadow:4px 4px 4px  
4px #96C4A3 }
```

Background

The CSS property to change the background color of an element to Hex 96C4A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96C4A3 }
```

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

```
.background{ background-color:#96C4A3 }
```

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