

Converting Colors

Hex(97AC81)

Have a look what the booklet for
Hex(97AC81) contains.

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Color

Hex(97AC81)

Conversions

Conversions Part 1

Format	Color
Hex	97AC81
RGB	151, 172, 129
RGB Percent	59%, 67%, 51%
CMY	0.4078, 0.3255, 0.4941
CMYK	0.12, 0.00, 0.25, 0.33
HSL	89°, 21%, 59%
HSV	89°, 25%, 67%
XYZ	31.4775, 37.6693, 26.3807
YIQ	160.8190, 1.2870, -17.8250

Conversions

Conversions Part 2

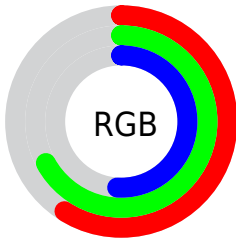
Format	Color
RYB	129, 172, 150
Decimal	9940097
CIELab	67.78, -15.17, 19.76
CIElCh	68, 24.912, 127.520
Yxy	37.6693, 0.3295, 0.3943
Android (android.graphics.Color)	4288130177 (0xFF97AC81)
YUV	160.8190, -15.6868, -8.6113
Hunter-Lab	61.3754, -15.8599, 17.4783

Details

The Hex color **97AC81** is a light color, and the websafe version is hex **999966**. A complement of this color would be **9681AC**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **CEE3B6**, and **64784F** is the 20% darker color. If you saturate the color by 10%, you get **8FAC70**, and if you desaturate by 10%, it is **9FAC92**.

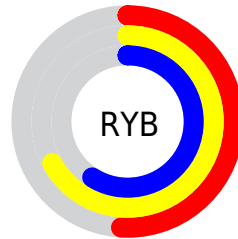
Distribution



Red (59%)

Green (67%)

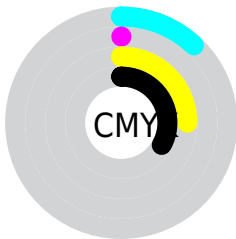
Blue (51%)



Red (51%)

Yellow (67%)

Blue (59%)

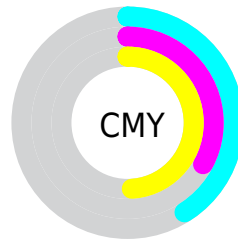


Cyan (12%)

Magenta (0%)

Yellow (25%)

Black (33%)



Cyan (41%)

Magenta (33%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 97AC81 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 97AC81 by changing the saturation by 10% instead.

 97AC81

FFFFFF

 CEE3B6

 EAFFD2

 FFFFEE

 97AC81

 7D9168

 64784F

 4B5F38

 344722

 1E310D

 041C00

 000000

 97AC81

 8FAC70

 97AC81

 9FAC92

 86AC5F

 A8ACA3

 7EAC4D

 B0ACB5

 75AC3C

 B9ACC6

 6DAC2B

 C1ACD7

 65AC1A

 C9ACE8

 5CAC09

 D2ACF9

 58AC00

 DAACFF

 E3ACFF

Harmonies

Analogous

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



B0A579



97AC81



7DB093

Triad

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



97AC81



74ACCE



D295A0

Complementary

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



97AC81



9681AC

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.



C797B7



97AC81



91A5D1

Square

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



97AC81



63B0C0



B09DC9



D1988B

Rectangle

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



97AC81



6FB2A2



B09DC9



D095A8

Sweetspot

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



97AC81



D8E0CE



AC9681



6B7065



F0F0F0



707070

Same Dimension

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



97AC81



C0E09D



82AC81



52574E



4D9600



0C1700

Inverse Universe

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



9681AC



BE9DE0



AB81AC



524E57



490096



0B0017

Previews

White Background



This preview shows how the Hex color 97AC81 looks on a white background.

Color Contrast Check

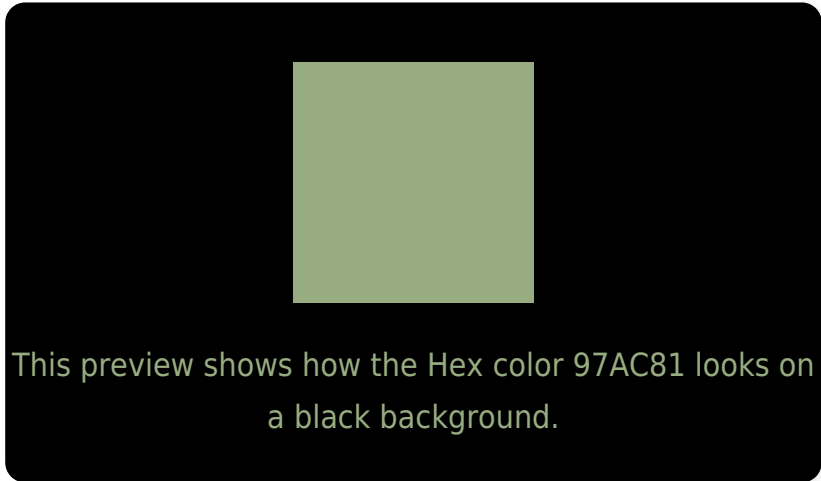
Large Text (above 18pt) WCAG AA × Fail

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

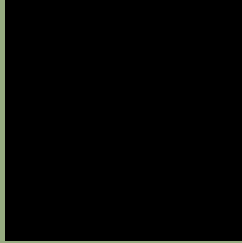
Any Text WCAG AA ✓ Pass

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 97AC81 Background



This preview shows how black text looks on a background with the Hex color 97AC81.

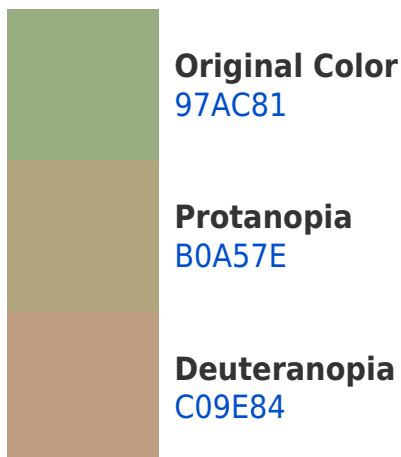


This preview shows how white text looks on a background with the Hex color 97AC81.

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](#).

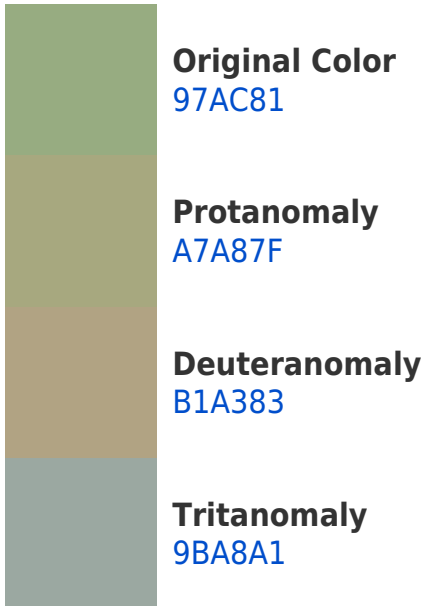
Dichromacy



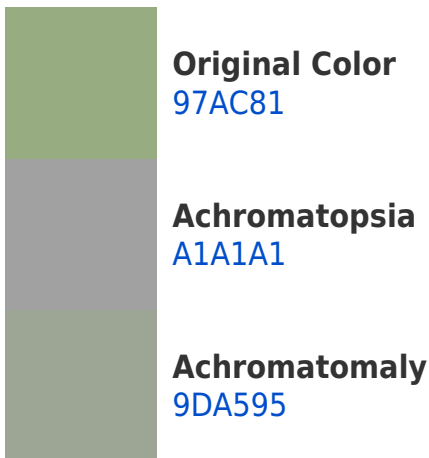


Tritanopia
9EA5B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 97AC81 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 #97AC81 looks like.

```
.text, #text, p{  
    color:#97AC81  
}
```

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 #97AC81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97AC81  
}
```

Border

The CSS property to change the border of an element to Hex 97AC81 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  
#97AC81 }
```

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

```
.border{ border-color:#97AC81 }
```

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

Here you see how a box with a 4 pixel #97AC81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97AC81; -webkit-box-shadow:4px 4px  
4px 4px #97AC81; box-shadow:4px 4px 4px  
4px #97AC81 }
```

Background

The CSS property to change the background color of an element to Hex 97AC81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97AC81 }
```

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

```
.background{ background-color:#97AC81 }
```

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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