

Converting Colors

Hex(A3C49C)

Have a look what the booklet for
Hex(A3C49C) contains.

Hex(A3C49C)	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(A3C49C)

Conversions

Conversions Part 1

Format	Color
Hex	A3C49C
RGB	163, 196, 156
RGB Percent	64%, 77%, 61%
CMY	0.3608, 0.2314, 0.3882
CMYK	0.17, 0.00, 0.20, 0.23
HSL	110°, 25%, 69%
HSV	110°, 20%, 77%
XYZ	40.8449, 49.6667, 38.8864
YIQ	181.5730, -6.8280, -19.4360

Conversions

Conversions Part 2

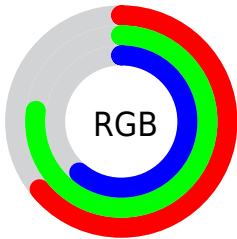
Format	Color
RYB	156, 196, 189
Decimal	10732700
CIELab	75.86, -18.65, 16.49
CIELCh	76, 24.895, 138.523
Yxy	49.6667, 0.3157, 0.3838
Android (android.graphics.Color)	4288922780 (0xFFA3C49C)
YUV	181.5730, -12.6075, -16.2885
Hunter-Lab	70.4746, -19.8774, 16.6173

Details

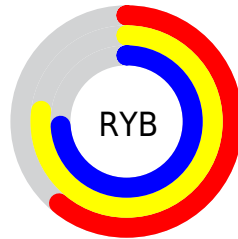
The Hex color **A3C49C** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **BD9CC4**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **DAFDD3**, and **6F8E69** is the 20% darker color. If you saturate the color by 10%, you get **93C488**, and if you desaturate by 10%, it is **B3C4B0**.

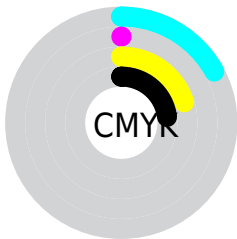
Distribution



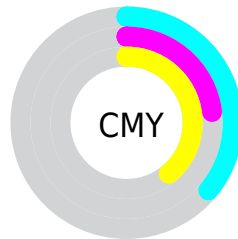
- Red (64%)
- Green (77%)
- Blue (61%)



- Red (61%)
- Yellow (77%)
- Blue (74%)



- Cyan (17%)
- Magenta (0%)
- Yellow (20%)
- Black (23%)



- Cyan (36%)
- Magenta (23%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color A3C49C 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 A3C49C by changing the saturation by 10% instead.



A3C49C



A3C49C

FFFFFF



88A982



DAFDD3



6F8E69



F7FFEF



567550



3E5C39



274423



112E0E



001A00



000000



A3C49C



A3C49C

 93C488

 B3C4B0

 83C475

 C3C4C3

 72C461

 D4C4D7

 62C44E

 E4C4EA

 52C43A

 F4C4FE

 42C426

 FFC4FF

 32C413

 22C400

Harmonies

Analogous

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



BDBE8F



A3C49C



8AC7B1

Triad

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



A3C49C



94C0E7



EAABAD

Complementary

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



A3C49C



BD9CC4

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.



E3ABC5



A3C49C



B3B8E6

Square

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



A3C49C



7DC5DD



D0B0DA



E5AF9A

Rectangle

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



A3C49C



7EC8C1



D0B0DA



E9AAB5

Sweetspot

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



A3C49C



F2FFF0



C4BD9C



788077



000000



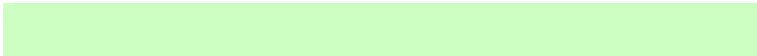
808080

Same Dimension

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



A3C49C



CDFFC2



9CC4A9



596157



1CA100



062100

Inverse Universe

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



BD9CC4



F4C2FF



C49CB7



5F5761



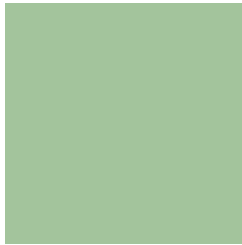
8500A1



1B0021

Previews

White Background



This preview shows how the Hex color A3C49C looks on a white background.

Color Contrast Check

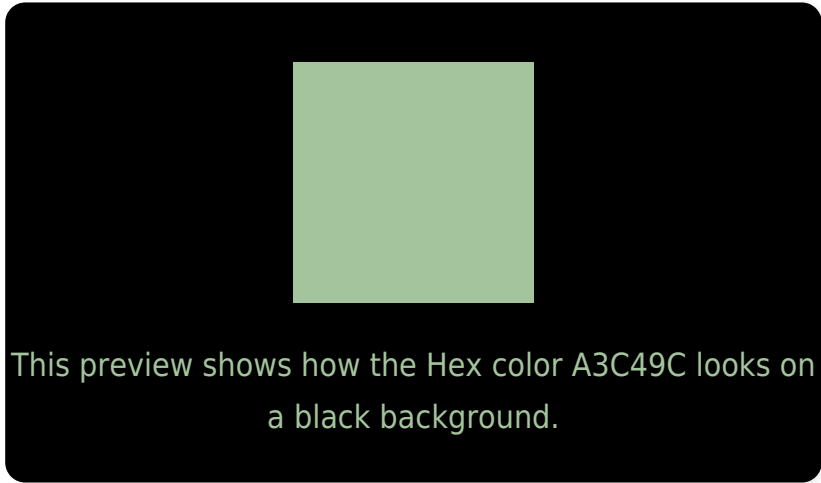
Large Text (above 18pt) WCAG AA × Fail

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

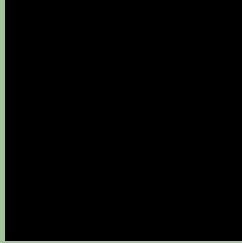
Any Text WCAG AA ✓ Pass

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 A3C49C Background



This preview shows how black text looks on a background with the Hex color A3C49C.

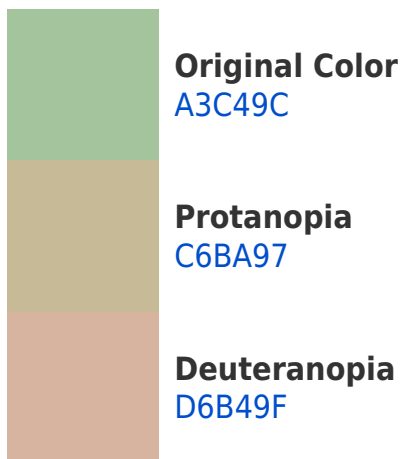


This preview shows how white text looks on a background with the Hex color A3C49C.

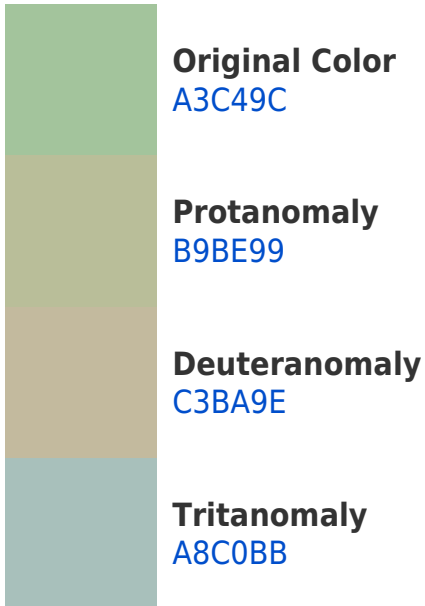
Color Blindness Simulation

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](#).

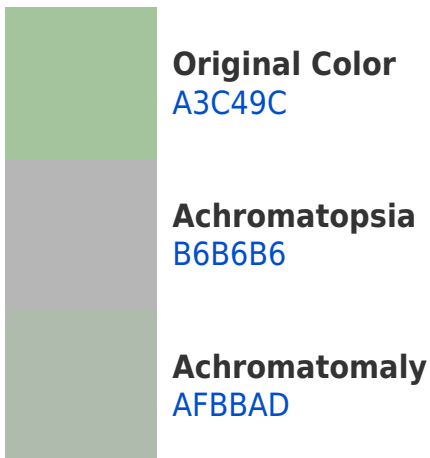
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A3C49C 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 #A3C49C looks like.

```
.text, #text, p{  
    color:#A3C49C  
}
```

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 #A3C49C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3C49C
}
```

Border

The CSS property to change the border of an element to Hex A3C49C 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
#A3C49C }
```

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

```
.border{ border-color:#A3C49C }
```

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

Here you see how a box with a 4 pixel #A3C49C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3C49C; -webkit-box-shadow:4px 4px  
4px 4px #A3C49C; box-shadow:4px 4px 4px  
4px #A3C49C }
```

Background

The CSS property to change the background color of an element to Hex A3C49C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3C49C }
```

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

```
.background{ background-color:#A3C49C }
```

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