

Converting Colors

Hex(A4C974)

Have a look what the booklet for
Hex(A4C974) contains.

Hex(A4C974)	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(A4C974)

Conversions

Conversions Part 1

Format	Color
Hex	A4C974
RGB	164, 201, 116
RGB Percent	64%, 79%, 45%
CMY	0.3569, 0.2118, 0.5451
CMYK	0.18, 0.00, 0.42, 0.21
HSL	86°, 44%, 62%
HSV	86°, 42%, 79%
XYZ	39.3489, 50.9268, 24.2789
YIQ	180.2470, 5.2330, -34.2790

Conversions

Conversions Part 2

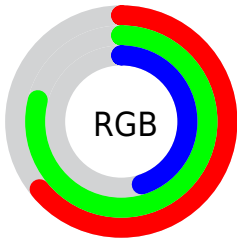
Format	Color
RYB	116, 201, 153
Decimal	10799476
CIELab	76.63, -26.64, 38.44
CIElCh	77, 46.764, 124.723
Yxy	50.9268, 0.3435, 0.4446
Android (android.graphics.Color)	4288989556 (0xFFA4C974)
YUV	180.2470, -31.6738, -14.2486
Hunter-Lab	71.3630, -26.4620, 29.7826

Details

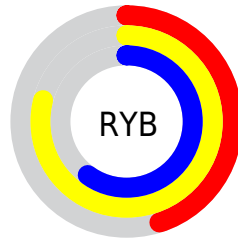
The Hex color **A4C974** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **9974C9**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **DCFFA9**, and **6E9342** is the 20% darker color. If you saturate the color by 10%, you get **9BC960**, and if you desaturate by 10%, it is **ADC988**.

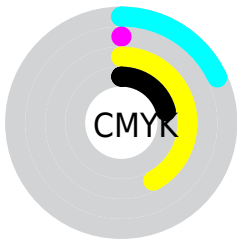
Distribution



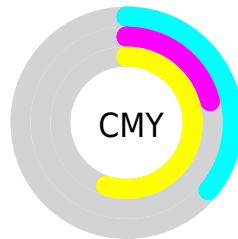
- Red (64%)
- Green (79%)
- Blue (45%)



- Red (45%)
- Yellow (79%)
- Blue (60%)



- Cyan (18%)
- Magenta (0%)
- Yellow (42%)
- Black (21%)



- Cyan (36%)
- Magenta (21%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color A4C974 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 A4C974 by changing the saturation by 10% instead.



A4C974



A4C974

FFFFFF



89AE5A



DCFFA9



6E9342



F9FFC5



557929



FFFFE1



3C600F

FFFFFFE



234800



083100



001E00



000000



A4C974



A4C974

 9BC960

 ADC988

 93C94C

 B5C99C

 8AC938

 BEC9B0

 81C924

 C7C9C4

 78C910

 D0C9D9

 72C900

 D8C9ED

 E1C9FF

 EAC9FF

 F3C9FF

Harmonies

Analogous

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



D2BD65



A4C974



6DD197

Triad

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



A4C974



09CBFF



FF9AB8

Complementary

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



A4C974



9974C9

Split Complementary

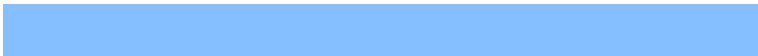
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F9A0E3



A4C974



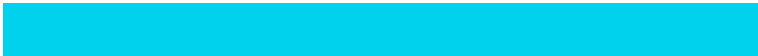
85BFFF

Square

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



A4C974



00D2ED



CAAFFF



FFA08E

Rectangle

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



A4C974



3BD3B4



CAAFFF



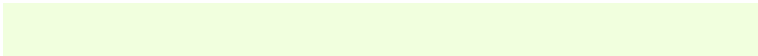
FF9BC7

Sweetspot

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



A4C974



F1FFDE



C99974



77806B



000000



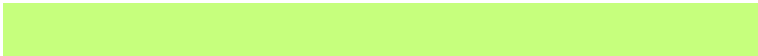
808080

Same Dimension

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



A4C974



C6FF7D



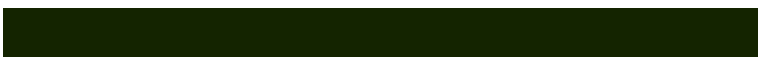
7AC974



5F635A



5CA300



142400

Inverse Universe

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



9974C9



B67DFF



C374C9



5E5A63



4700A3



100024

Previews

White Background



This preview shows how the Hex color A4C974 looks on a white background.

Color Contrast Check

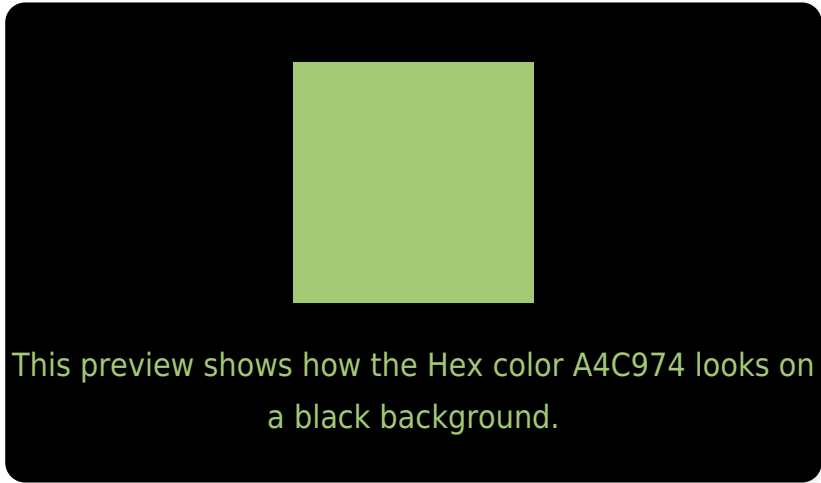
Large Text (above 18pt) WCAG AA × Fail

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

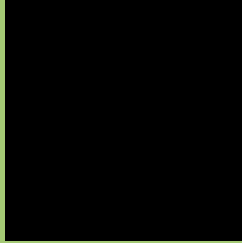
Any Text WCAG AA ✓ Pass

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 A4C974 Background



This preview shows how black text looks on a background with the Hex color A4C974.

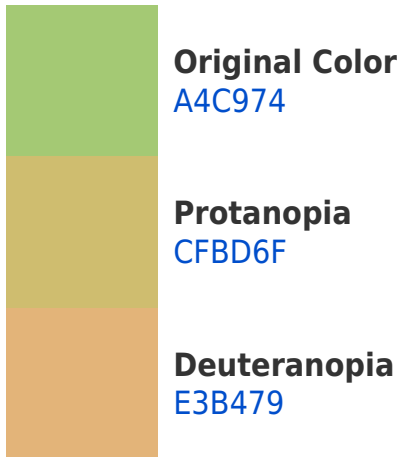


This preview shows how white text looks on a background with the Hex color A4C974.

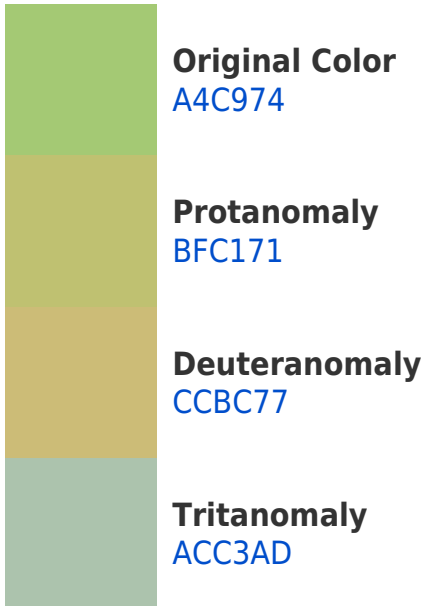
Color Blindness Simulation

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 A4C974 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 #A4C974 looks like.

```
.text, #text, p{  
    color:#A4C974  
}
```

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 #A4C974 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4C974
}
```

Border

The CSS property to change the border of an element to Hex A4C974 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
#A4C974 }
```

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

```
.border{ border-color:#A4C974 }
```

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

Here you see how a box with a 4 pixel #A4C974 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4C974; -webkit-box-shadow:4px 4px  
4px 4px #A4C974; box-shadow:4px 4px 4px  
4px #A4C974 }
```

Background

The CSS property to change the background color of an element to Hex A4C974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4C974 }
```

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

```
.background{ background-color:#A4C974 }
```

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