

Converting Colors

Hex(A4C76C)

Have a look what the booklet for
Hex(A4C76C) contains.

Hex(A4C76C)	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(A4C76C)

Conversions

Conversions Part 1

Format	Color
Hex	A4C76C
RGB	164, 199, 108
RGB Percent	64%, 78%, 42%
CMY	0.3569, 0.2196, 0.5765
CMYK	0.18, 0.00, 0.46, 0.22
HSL	83°, 45%, 60%
HSV	83°, 46%, 78%
XYZ	38.4400, 49.8221, 21.7780
YIQ	178.1610, 8.3510, -35.7210

Conversions

Conversions Part 2

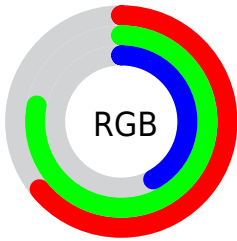
Format	Color
RYB	108, 199, 143
Decimal	10798956
CIELab	75.96, -26.62, 41.59
CIELCh	76, 49.378, 122.623
Yxy	49.8221, 0.3493, 0.4528
Android (android.graphics.Color)	4288989036 (0xFFA4C76C)
YUV	178.1610, -34.5894, -12.4192
Hunter-Lab	70.5848, -26.3133, 31.1162

Details

The Hex color **A4C76C** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **8F6CC7**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **DCFFA1**, and **6E913A** is the 20% darker color. If you saturate the color by 10%, you get **9CC758**, and if you desaturate by 10%, it is **ACC780**.

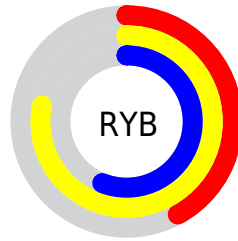
Distribution



Red (64%)

Green (78%)

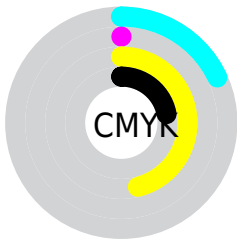
Blue (42%)



Red (42%)

Yellow (78%)

Blue (56%)

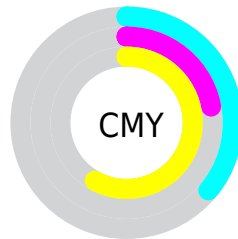


Cyan (18%)

Magenta (0%)

Yellow (46%)

Black (22%)



Cyan (36%)

Magenta (22%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color A4C76C 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 A4C76C by changing the saturation by 10% instead.

 A4C76C

 A4C76C

FFFFFF

 89AC53

 DCFFA1

 6E913A

 F9FFBD

 547720

 FFFFD9

 3B5E03

 FFFFF6

 234600

 063000

 001D00

 000000

 A4C76C

 A4C76C

■ 9CC758

■ ACC780

■ 95C744

■ B3C794

■ 8DC730

■ BBC7A8

■ 85C71C

■ C3C7BC

■ 7EC709

■ CAC7D0

■ 7AC700

■ D2C7E3

■ DAC7F7

■ E1C7FF

■ E9C7FF

Harmonies

Analogous

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



D3BA5E



A4C76C



6ACF90

Triad

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



A4C76C



00CBFF



FF96B9

Complementary

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



A4C76C



8F6CC7

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.



F79EE6



A4C76C



77BFFF

Square

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



A4C76C



00D2EB



C4AEFF



FF9B8D

Rectangle

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



A4C76C



2FD2AE



C4AEFF



FF97C8

Sweetspot

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



A4C76C



F1FFDB



C78F6C



77806A



000000



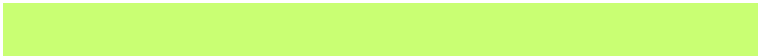
808080

Same Dimension

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



A4C76C



C9FF73



77C76C



60635A



64A300



162400

Inverse Universe

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



8F6CC7



A973FF



BC6CC7



5D5A63



3F00A3



0E0024

Previews

White Background



This preview shows how the Hex color A4C76C looks on a white background.

Color Contrast Check

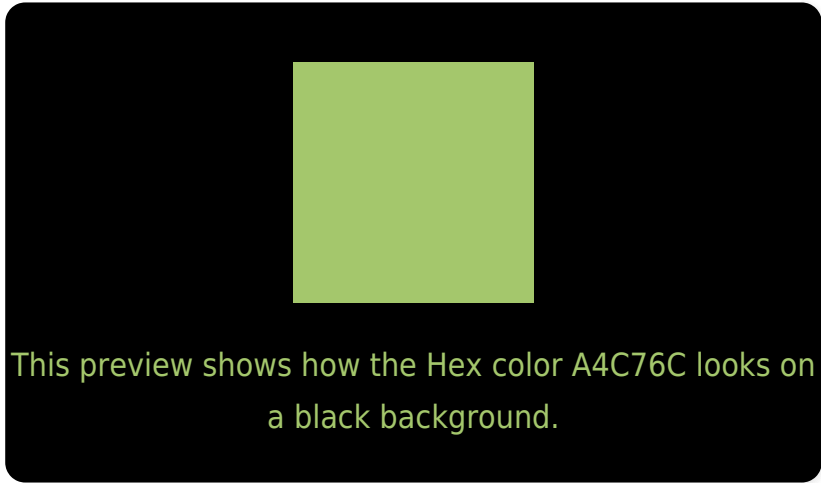
Large Text (above 18pt) WCAG AA × Fail

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 A4C76C Background



This preview shows how black text looks on a background with the Hex color A4C76C.

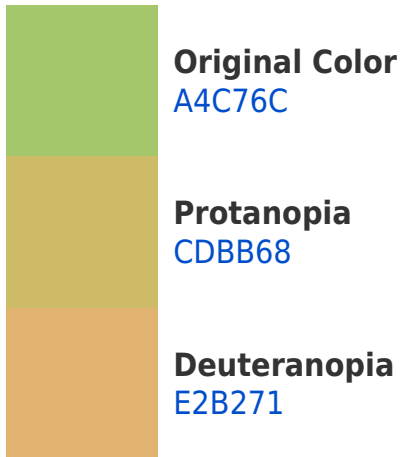


This preview shows how white text looks on a background with the Hex color A4C76C.

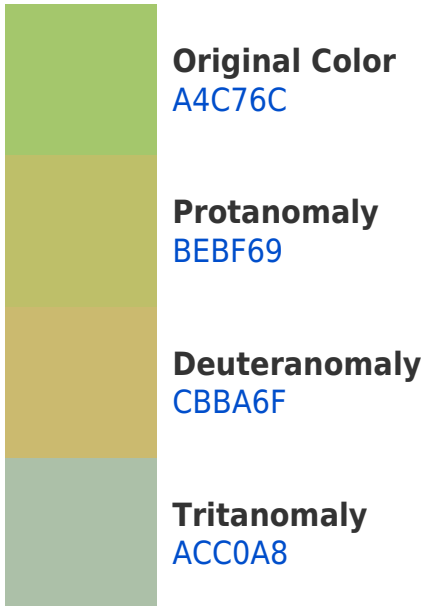
Color Blindness Simulation

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](#).

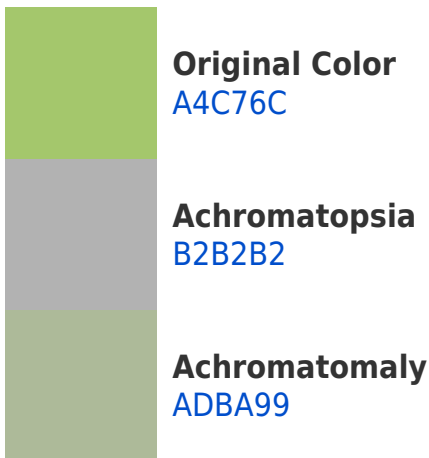
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A4C76C 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 #A4C76C looks like.

```
.text, #text, p{  
    color:#A4C76C  
}
```

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 #A4C76C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4C76C
}
```

Border

The CSS property to change the border of an element to Hex A4C76C 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
#A4C76C }
```

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

```
.border{ border-color:#A4C76C }
```

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

Here you see how a box with a 4 pixel #A4C76C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4C76C; -webkit-box-shadow:4px 4px  
4px 4px #A4C76C; box-shadow:4px 4px 4px  
4px #A4C76C }
```

Background

The CSS property to change the background color of an element to Hex A4C76C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4C76C }
```

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

```
.background{ background-color:#A4C76C }
```

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