

Converting Colors

Hex(A4CB49)

Have a look what the booklet for
Hex(A4CB49) contains.

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Color

Hex(A4CB49)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A4CB49 |
| RGB | 164, 203, 73 |
| RGB Percent | 64%, 80%, 29% |
| CMY | 0.3569, 0.2039, 0.7137 |
| CMYK | 0.19, 0.00, 0.64, 0.20 |
| HSL | 78°, 56%, 54% |
| HSV | 78°, 64%, 80% |
| XYZ | 37.8684, 51.0854, 14.1679 |
| YIQ | 176.5190, 18.4860, -48.6980 |

Conversions

Conversions Part 2

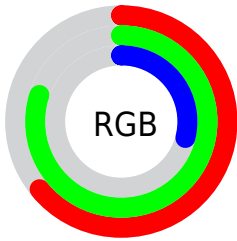
| Format | Color |
|-------------------------------------|--|
| RYB | 73, 203, 112 |
| Decimal | 10799945 |
| CIELab | 76.73, -31.78, 58.53 |
| CIElCh | 77, 66.606, 118.503 |
| Yxy | 51.0854, 0.3672, 0.4954 |
| Android (android.graphics.Color) | 4288990025 (0xFFA4CB49) |
| YUV | 176.5190, -51.0349, -10.9792 |
| Hunter-Lab | 71.4741, -30.5068, 38.2791 |

Details

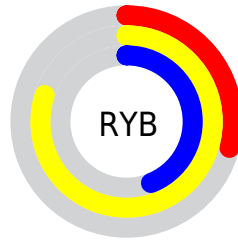
The Hex color **A4CB49** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **7049CB**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **DEFF7F**, and **6D9507** is the 20% darker color. If you saturate the color by 10%, you get **9ECB35**, and if you desaturate by 10%, it is **AACB5D**.

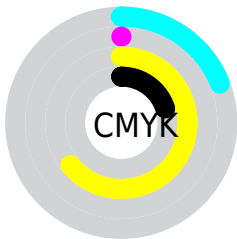
Distribution



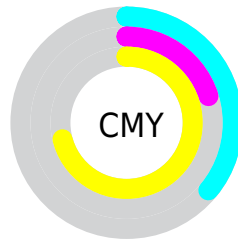
- Red (64%)
- Green (80%)
- Blue (29%)



- Red (29%)
- Yellow (80%)
- Blue (44%)



- Cyan (19%)
- Magenta (0%)
- Yellow (64%)
- Black (20%)



- Cyan (36%)
- Magenta (20%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color A4CB49 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 A4CB49 by changing the saturation by 10% instead.



A4CB49



A4CB49

FFFFFF



88AF2D



DEFF7F



6D9507



FBFF9B



527B00



FFFFB7



376200



FFFFD3



1A4A00



FFFFF0



003300



001F00



000000



A4CB49



A4CB49

 9ECB35

 AACB5D

 98CB20

 B0CB72

 92CB0C

 B6CB86

 8ECB00

 BCCB9A

 C2CBAF

 C9CBC3

 CFCBD7

 D5CBEB

 DBCBFF

Harmonies

Analogous

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



E1B938



A4CB49



4ED67A

Triad

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



A4CB49



00D4FF



FF85C3

Complementary

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



A4CB49



7049CB

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.



FF95FF



A4CB49



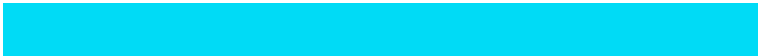
00C5FF

Square

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



A4CB49



00DBF6



B9AEFF



FF8C86

Rectangle

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



A4CB49



00DAA3



B9AEFF



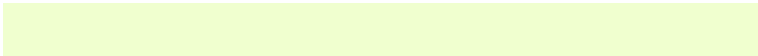
FF88D8

Sweetspot

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



A4CB49



F0FFCF



CB7049



778062



000000



808080

Same Dimension

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



A4CB49



C4FF3B



65CB49



63665C



74A600



1B2600

Inverse Universe

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



7049CB



763BFF



B149CB



5F5C66



3200A6



0B0026

Previews

White Background



This preview shows how the Hex color A4CB49 looks on a white background.

Color Contrast Check

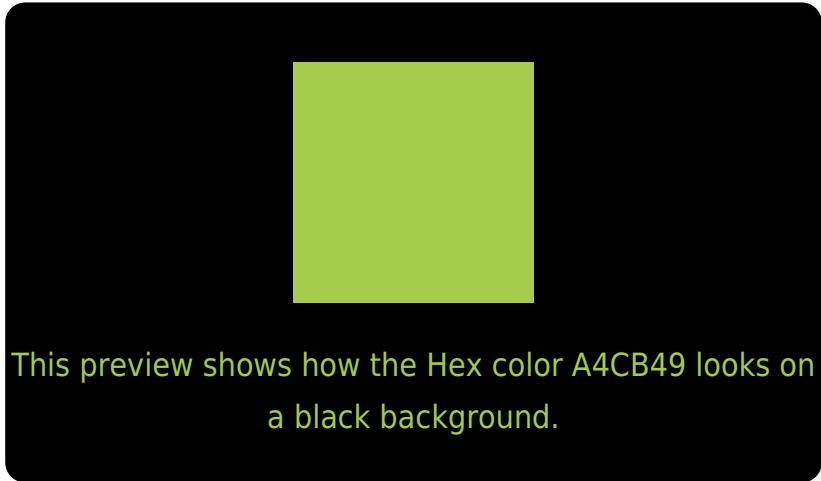
Large Text (above 18pt) WCAG AA × Fail

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 A4CB49 Background



This preview shows how black text looks on a background with the Hex color A4CB49.

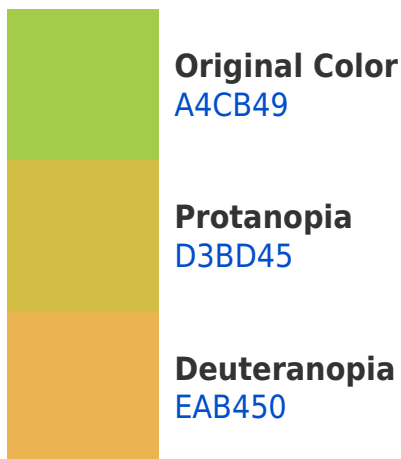


This preview shows how white text looks on a background with the Hex color A4CB49.

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](#).

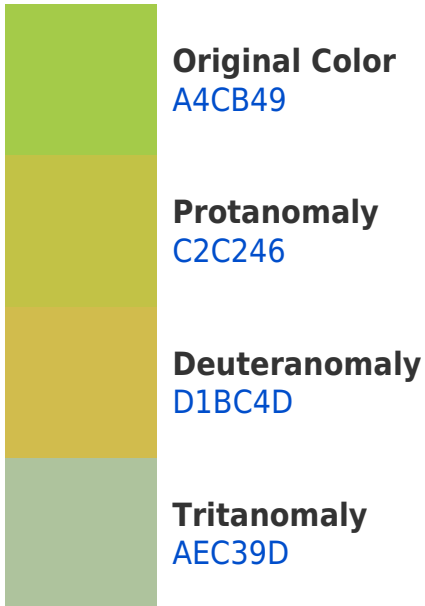
Dichromacy



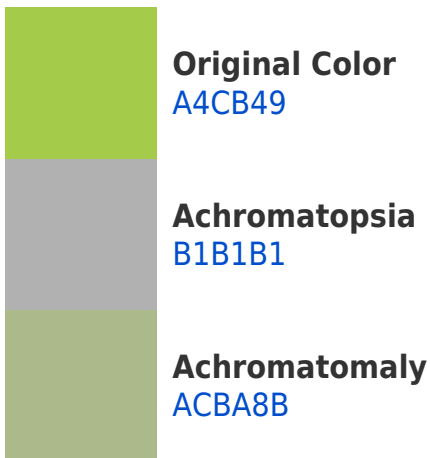


Tritanopia
B3BECD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A4CB49 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 #A4CB49 looks like.

```
.text, #text, p{  
    color:#A4CB49  
}
```

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 #A4CB49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4CB49
}
```

Border

The CSS property to change the border of an element to Hex A4CB49 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
#A4CB49 }
```

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

```
.border{ border-color:#A4CB49 }
```

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

Here you see how a box with a 4 pixel #A4CB49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4CB49; -webkit-box-shadow:4px 4px  
4px 4px #A4CB49; box-shadow:4px 4px 4px  
4px #A4CB49 }
```

Background

The CSS property to change the background color of an element to Hex A4CB49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4CB49 }
```

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

```
.background{ background-color:#A4CB49 }
```

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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