

# Converting Colors

Hex(AACA59)

Have a look what the booklet for  
Hex(AACA59) contains.

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# **Color**

**Hex(AACA59)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | AACA59                      |
| RGB         | 170, 202, 89                |
| RGB Percent | 67%, 79%, 35%               |
| CMY         | 0.3333, 0.2078, 0.6510      |
| CMYK        | 0.16, 0.00, 0.56, 0.21      |
| HSL         | 77°, 52%, 57%               |
| HSV         | 77°, 56%, 79%               |
| XYZ         | 39.5013, 51.5084, 17.3114   |
| YIQ         | 179.5500, 17.2010, -41.9270 |

# Conversions

## Conversions Part 2

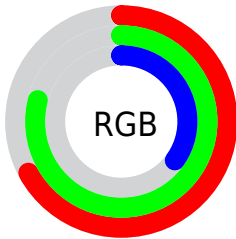
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 89, 202, 121                   |
| Decimal                             | 11192921                       |
| CIE <sub>Lab</sub>                  | 76.99, -27.67, 51.97           |
| CIE <sub>LCh</sub>                  | 77, 58.880, 118.031            |
| Yxy                                 | 51.5084, 0.3647,<br>0.4755     |
| Android<br>(android.graphics.Color) | 4289383001<br>(0xFFAACA59)     |
| YUV                                 | 179.5500, -44.6412,<br>-8.3754 |
| Hunter-Lab                          | 71.7693, -27.3514,<br>35.9373  |

# Details

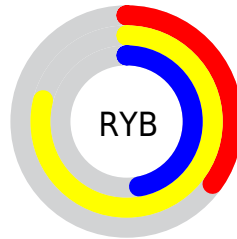
The Hex color **AACA59** is a light color, and the websafe version is hex **99CC66**. The color can be described as light muted chartreuse. A complement of this color would be **7959CA**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **E3FF8E**, and **739423** is the 20% darker color. If you saturate the color by 10%, you get **A4CA45**, and if you desaturate by 10%, it is **B0CA6D**.

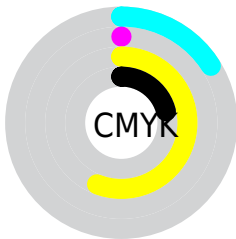
# Distribution



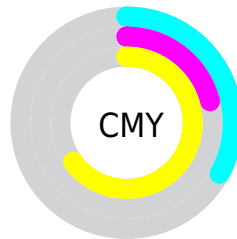
- Red (67%)
- Green (79%)
- Blue (35%)



- Red (35%)
- Yellow (79%)
- Blue (47%)



- Cyan (16%)
- Magenta (0%)
- Yellow (56%)
- Black (21%)



- Cyan (33%)
- Magenta (21%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AACAA59 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 AACAA59 by changing the saturation by 10% instead.



 AACA59

 AACA59

FFFFFF

 8EAF3F

 E3FF8E

 739423

 FFFFAA

 597A00

 FFFFC6

 3E6100

 FFFF E2

 254900

 053200

 001F00

 000000

 AACA59

 AACA59

 A4CA45

 B0CA6D

 9FCA31

 B5CA81

 99CA1C

 BBCA96

 93CA08

 C1CAAA

 91CA00

 C7CABE

 CCCAD2

 D2CAE6

 D8CAFB

 DDCAFF

# Harmonies

## Analogous

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



E0BA4C



AACA59



64D482

# Triad

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



AACA59



00D2FF



FF8FC4

# Complementary

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



AACA59



7959CA

# 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.



FE9CF9



AACA59



43C5FF

# Square

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



AACA59



00D9F0



BBB1FF



FF948E

# Rectangle

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



AACA59



00D8A6



BBB1FF



FF92D6



# Sweetspot

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



AACA59



F3FFD4



CA7759



788066



000000



808080



# Same Dimension

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



AACA59



CFFF54



73CA59



63665C



77A600



1B2600



# Inverse Universe

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



7959CA



8554FF



B059CA



5F5C66



2F00A6



0B0026



# Previews

## White Background



This preview shows how the Hex color AACAA59 looks on a white background.

## Color Contrast Check

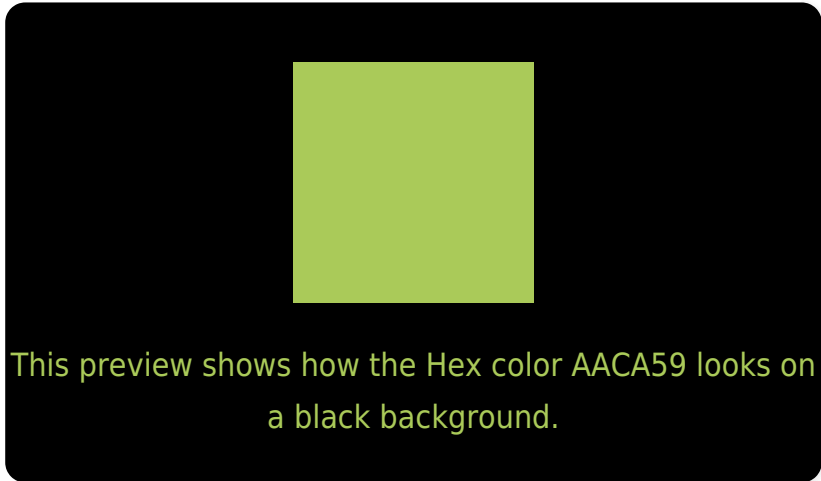
Large Text (above 18pt) WCAG AA × Fail

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 AAC A59 Background



This preview shows how black text looks on a background with the Hex color AAC A59.

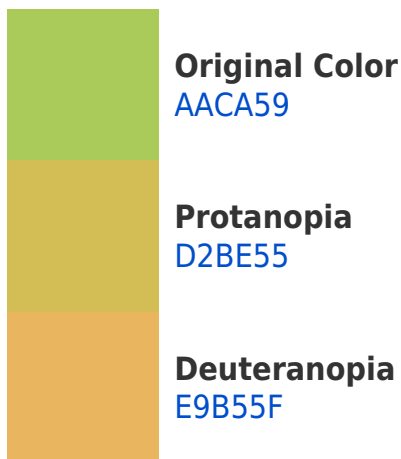


This preview shows how white text looks on a background with the Hex color AAC A59.

# 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](#).

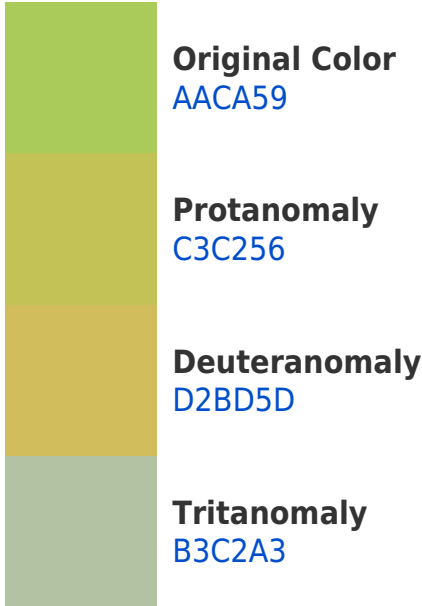
## Dichromacy



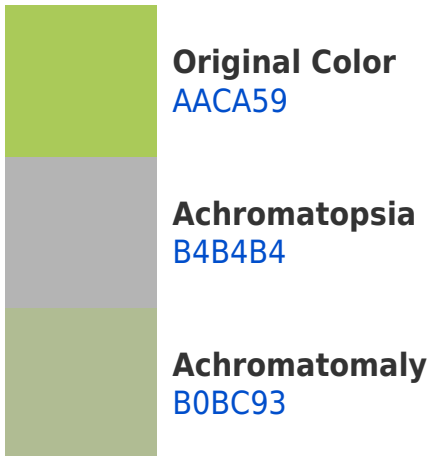


**Tritanopia**  
B8BECD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AACA59 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 #AACA59 looks like.

```
.text, #text, p{  
    color:#AACA59  
}
```

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 #AACA59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AACA59
}
```

## Border

The CSS property to change the border of an element to Hex AACA59 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
#AACA59 }
```

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

```
.border{ border-color:#AACA59 }
```

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

Here you see how a box with a 4 pixel #AACA59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AACA59; -webkit-box-shadow:4px 4px  
4px 4px #AACA59; box-shadow:4px 4px 4px  
4px #AACA59 }
```

# Background

The CSS property to change the background color of an element to Hex AACA59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AACA59 }
```

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

```
.background{ background-color:#AACA59 }
```

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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