

# Converting Colors

Hex(AAC236)

Have a look what the booklet for  
Hex(AAC236) contains.

<b>Hex(AAC236)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(AAC236)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AAC236
RGB	170, 194, 54
RGB Percent	67%, 76%, 21%
CMY	0.3333, 0.2392, 0.7882
CMYK	0.12, 0.00, 0.72, 0.24
HSL	70°, 56%, 49%
HSV	70°, 72%, 76%
XYZ	36.5352, 47.3960, 10.7128
YIQ	170.8640, 30.6360, -48.6280

# Conversions

## Conversions Part 2

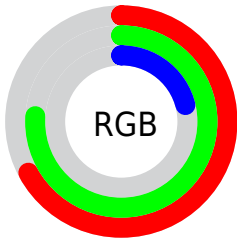
Format	Color
<a href="#">RYB</a>	<a href="#">54, 194, 78</a>
Decimal	<a href="#">11190838</a>
CIELab	<a href="#">74.44, -26.29, 63.60</a>
CIELCh	<a href="#">74, 68.824, 112.457</a>
Yxy	<a href="#">47.3960, 0.3860, 0.5008</a>
Android (android.graphics.Color)	<a href="#">4289380918 (0xFFAAC236)</a>
YUV	<a href="#">170.8640, -57.6140, -0.7577</a>
Hunter-Lab	<a href="#">68.8447, -25.7501, 38.9653</a>

# Details

The Hex color **AAC236** 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 **4E36C2**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **E4FA6E**, and **728C00** is the 20% darker color. If you saturate the color by 10%, you get **A7C223**, and if you desaturate by 10%, it is **ADC249**.

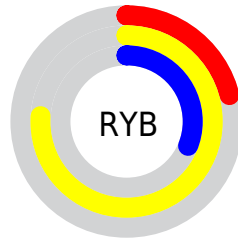
# Distribution



Red (67%)

Green (76%)

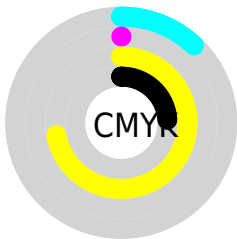
Blue (21%)



Red (21%)

Yellow (76%)

Blue (31%)

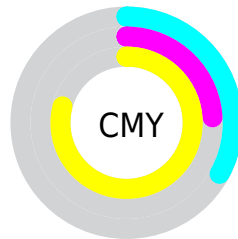


Cyan (12%)

Magenta (0%)

Yellow (72%)

Black (24%)



Cyan (33%)

Magenta (24%)

Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AAC236 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 AAC236 by changing the saturation by 10% instead.



 AAC236

 AAC236

FFFFFF

 8EA714

 E4FA6E

 728C00

 FFFF8A

 577300

 FFFFA6

 3C5A00

 FFFF82

 204300

 FFFFDF

 022C00

FFFFFFC

 001800

 000000

 AAC236

 AAC236

 A7C223

 ADC249

 A3C20F

 B1C25D

 A1C200

 B4C270

 B7C284

 BBC297

 BEC2AA

 C1C2BE

 C5C2D1

 C8C2E5

# Harmonies

## Analogous

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



E6AE2E



AAC236



59CE66

# Triad

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



AAC236



00D0FF



FF7DCA

# Complementary

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



AAC236



4E36C2

# 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.



F492FF



AAC236



00C3FF

# Square

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



AAC236



00D5E6



9BADFF



FF808B

# Rectangle

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



AAC236



00D38F



9BADFF



FF82DF

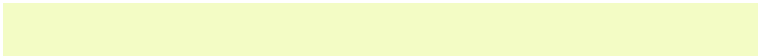


# Sweetspot

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



AAC236



F3FCC5



C24D36



7A805E



000000



808080



# Same Dimension

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



AAC236



D7FC21



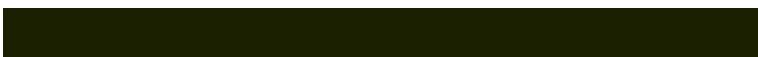
65C236



5F6157



85A100



1B2100



# Inverse Universe

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



4E36C2



4621FC



9336C2



595761



1C00A1



060021



# Previews

## White Background



This preview shows how the Hex color AAC236 looks on a white background.

## Color Contrast Check

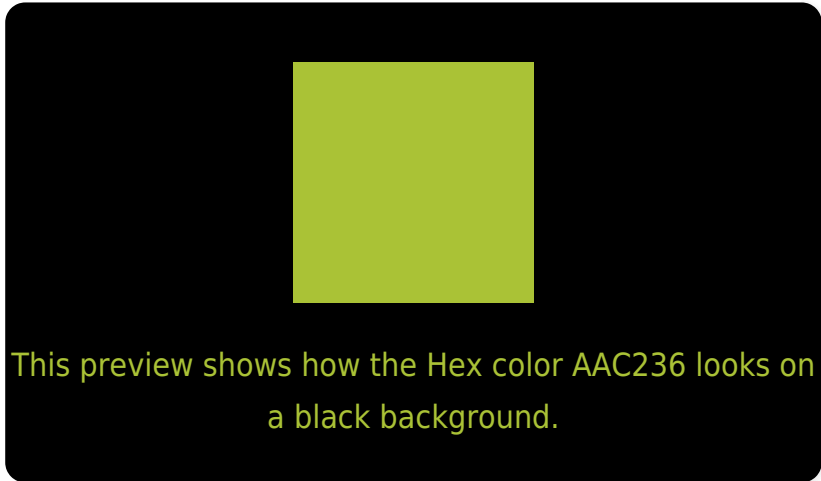
Large Text (above 18pt) WCAG AA × Fail

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 AAC236 Background



This preview shows how black text looks on a background with the Hex color AAC236.

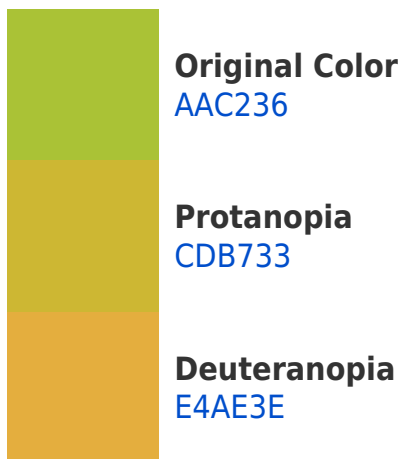


This preview shows how white text looks on a background with the Hex color AAC236.

# 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](#).

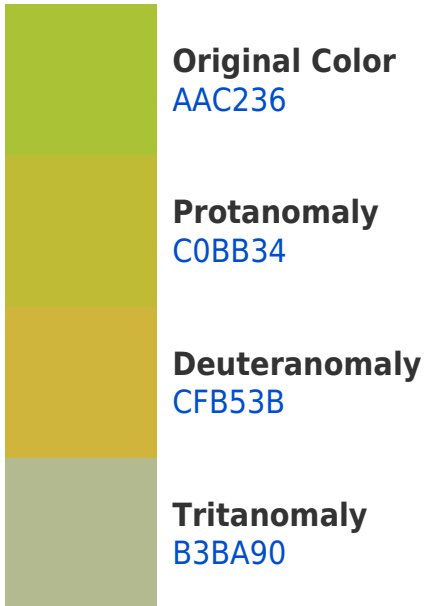
## Dichromacy



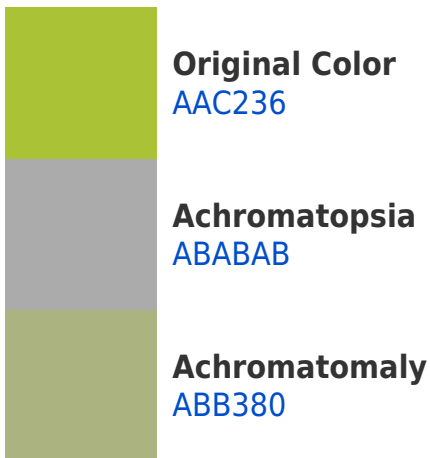


**Tritanopia**  
B8B5C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AAC236 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 #AAC236 looks like.

```
.text, #text, p{  
    color:#AAC236  
}
```

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 #AAC236 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAC236
}
```

## Border

The CSS property to change the border of an element to Hex AAC236 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
#AAC236 }
```

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

```
.border{ border-color:#AAC236 }
```

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

Here you see how a box with a 4 pixel #AAC236 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAC236; -webkit-box-shadow:4px 4px  
4px 4px #AAC236; box-shadow:4px 4px 4px  
4px #AAC236 }
```

# Background

The CSS property to change the background color of an element to Hex AAC236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAC236 }
```

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

```
.background{ background-color:#AAC236 }
```

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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