

# Converting Colors

Hex(AAC205)

Have a look what the booklet for  
Hex(AAC205) contains.

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**Color**

**Hex(AAC205)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AAC205
RGB	170, 194, 5
RGB Percent	67%, 76%, 2%
CMY	0.3333, 0.2392, 0.9804
CMYK	0.12, 0.00, 0.97, 0.24
HSL	68°, 95%, 39%
HSV	68°, 97%, 76%
XYZ	35.8967, 47.1406, 7.3507
YIQ	165.2780, 46.3650, -63.8670

# Conversions

## Conversions Part 2

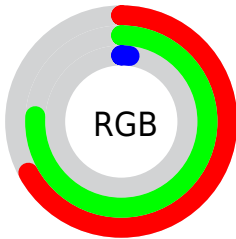
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 194, 29
Decimal	11190789
CIELab	74.28, -27.72, 74.22
CIELCh	74, 79.225, 110.480
Yxy	47.1406, 0.3971, 0.5215
Android (android.graphics.Color)	4289380869 (0xFFAAC205)
YUV	165.2780, -79.0171, 4.1412
Hunter-Lab	68.6590, -26.8287, 41.7137

# Details

The Hex color **AAC205** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **1D05C2**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **E5FA53**, and **718C00** is the 20% darker color. If you saturate the color by 10%, you get **A9C200**, and if you desaturate by 10%, it is **ACC218**.

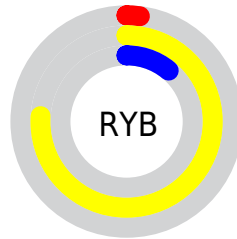
# Distribution



Red (67%)

Green (76%)

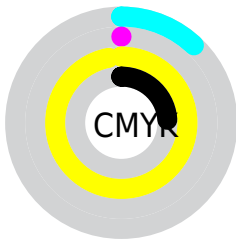
Blue (2%)



Red (2%)

Yellow (76%)

Blue (11%)

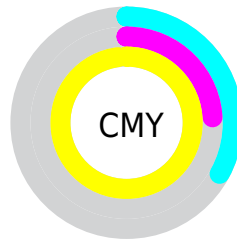


Cyan (12%)

Magenta (0%)

Yellow (97%)

Black (24%)



Cyan (33%)

Magenta (24%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AAC205 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 AAC205 by changing the saturation by 10% instead.



 AAC205

 AAC205

FFFFFF

 8DA700

 E5FA53

 718C00

 FFFF70

 557300

 FFFF8D

 395A00

 FFFFA9

 1D4300

 FFFFC6

 002C00

 FFFFE4

 001800

 000000

 AAC205

 AAC205

■ A9C200

■ ACC218

■ AFC22C

■ B1C23F

■ B4C253

■ B6C266

■ B9C279

■ BBC28D

■ BEC2A0

■ C0C2B4

# Harmonies

## Analogous

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



EDAB00



AAC205



49D053

# Triad

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



AAC205



00D4FF



FF6FD1

# Complementary

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



AAC205



1D05C2

# 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.



F78CFF



AAC205



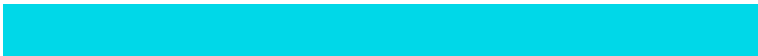
00C6FF

# Square

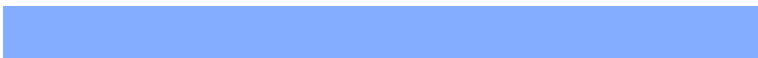
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



AAC205



00D8E8



85ADFF



FF7088

# Rectangle

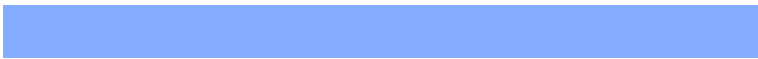
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



AAC205



00D583



85ADFF



FF77E9

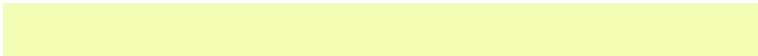


# Sweetspot

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



AAC205



F3FCB3



C21B05



7A8053



000000



808080



# Same Dimension

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



AAC205



DCFC00



4DC205



606157



8CA100



1D2100



# Inverse Universe

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



1D05C2



2000FC



7A05C2



585761



1400A1

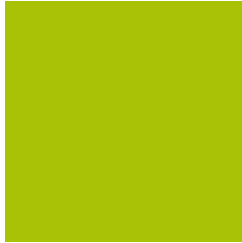


040021



# Previews

## White Background



This preview shows how the Hex color AAC205 looks on a white background.

## Color Contrast Check

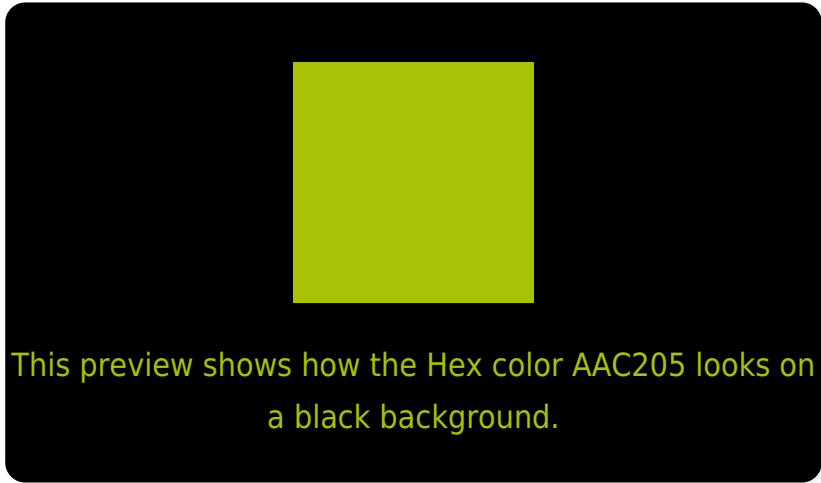
Large Text (above 18pt) WCAG AA × Fail

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 AAC205 Background



This preview shows how black text looks on a background with the Hex color AAC205.

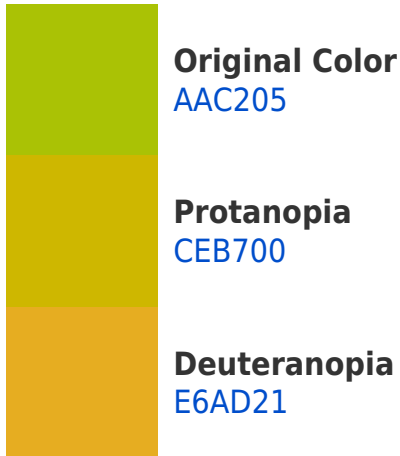


This preview shows how white text looks on a background with the Hex color AAC205.

# 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](#).

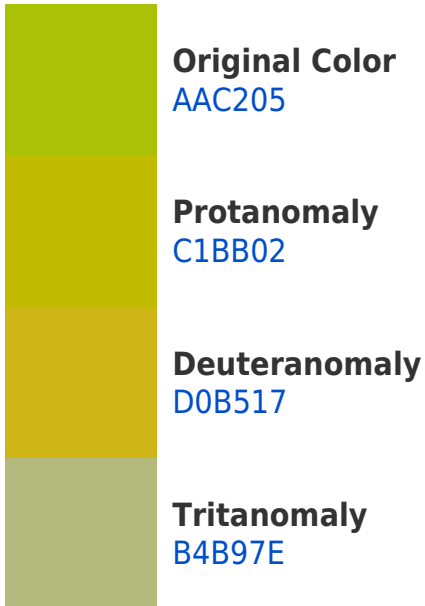
## Dichromacy





**Tritanopia**  
B9B4C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AAC205 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 #AAC205 looks like.

```
.text, #text, p{  
    color:#AAC205  
}
```

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 #AAC205 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAC205
}
```

## Border

The CSS property to change the border of an element to Hex AAC205 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
#AAC205 }
```

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

```
.border{ border-color:#AAC205 }
```

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

Here you see how a box with a 4 pixel #AAC205 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAC205; -webkit-box-shadow:4px 4px  
4px 4px #AAC205; box-shadow:4px 4px 4px  
4px #AAC205 }
```

# Background

The CSS property to change the background color of an element to Hex AAC205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAC205 }
```

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

```
.background{ background-color:#AAC205 }
```

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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