

# Converting Colors

Hex(AEC300)

Have a look what the booklet for  
Hex(AEC300) contains.

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**Color**

**Hex(AEC300)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | AEC300                      |
| RGB         | 174, 195, 0                 |
| RGB Percent | 68%, 76%, 0%                |
| CMY         | 0.3176, 0.2353, 1.0000      |
| CMYK        | 0.11, 0.00, 1.00, 0.24      |
| HSL         | 66°, 100%, 38%              |
| HSV         | 66°, 100%, 76%              |
| XYZ         | 36.9707, 48.0289, 7.3219    |
| YIQ         | 166.4910, 50.0790, -65.0970 |

# Conversions

## Conversions Part 2

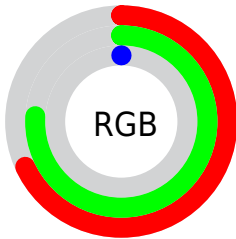
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 0, 195, 21                    |
| Decimal                             | 11453184                      |
| CIELab                              | 74.84, -26.58, 75.30          |
| CIELCh                              | 75, 79.849, 109.443           |
| Yxy                                 | 48.0289, 0.4005,<br>0.5202    |
| Android<br>(android.graphics.Color) | 4289643264<br>(0xFFAEC300)    |
| YUV                                 | 166.4910, -82.0801,<br>6.5854 |
| Hunter-Lab                          | 69.3029, -26.0565,<br>42.2479 |

# Details

The Hex color **AEC300** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as dark washed chartreuse. A complement of this color would be **1500C3**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **E9FB52**, and **758D00** is the 20% darker color. If you saturate the color by 10%, you get **AEC300**, and if you desaturate by 10%, it is **B0C313**.

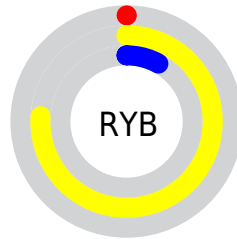
# Distribution



Red (68%)

Green (76%)

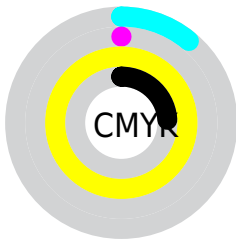
Blue (0%)



Red (0%)

Yellow (76%)

Blue (8%)

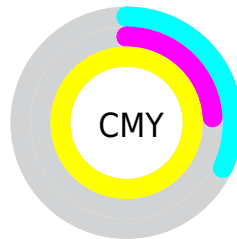


Cyan (11%)

Magenta (0%)

Yellow (100%)

Black (24%)



Cyan (32%)

Magenta (24%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AEC300 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 AEC300 by changing the saturation by 10% instead.



 AEC300

 AEC300

FFFFFF

 91A800

 E9FB52

 758D00

 FFFF6F

 597400


 FFFF8C

 3D5B00

 FFFFA9

 214400

 FFFFC6

 022D00

 FFFFFE3

 001A00

 000000

 AEC300

 B0C313

 B2C327

 B4C33B

 B6C34E

 B8C362

 BBC375

 BDC388

 BFC39C

 C1C3B0

# Harmonies

## Analogous

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



F1AB00



AEC300



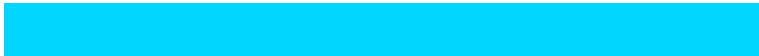
4ED151

# Triad

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



AEC300



00D6FF



FF71D5

# Complementary

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



AEC300



1500C3

# 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.



F68EFF



AEC300



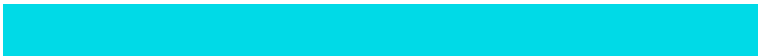
00C8FF

# Square

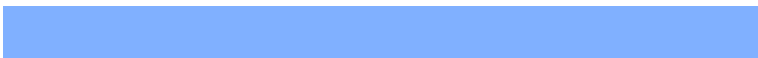
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



AEC300



00DAE7



80B0FF



FF718C

# Rectangle

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



AEC300



00D781



80B0FF



FF78ED



# Sweetspot

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



AEC300



F4FCB1



C31300



7B8052



000000



808080



# Same Dimension

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



AEC300



E1FC00



4EC300



606157



8FA100



1E2100



# Inverse Universe

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



1500C3



1B00FC



7500C3



585761



1100A1



040021



# Previews

## White Background



This preview shows how the Hex color AEC300 looks on a white background.

## Color Contrast Check

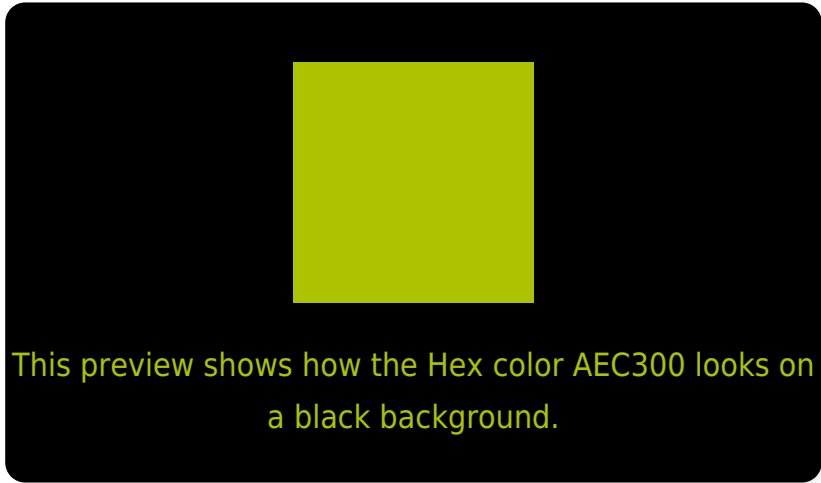
Large Text (above 18pt) WCAG AA × Fail

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 AEC300 Background



This preview shows how black text looks on a background with the Hex color AEC300.

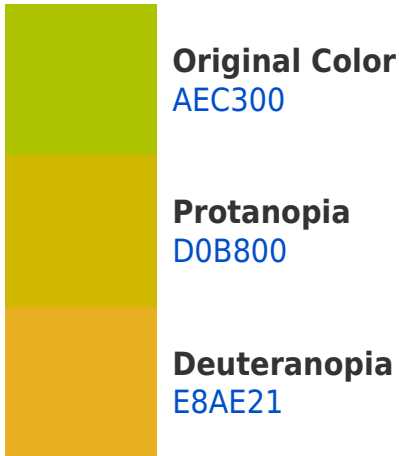


This preview shows how white text looks on a background with the Hex color AEC300.

# 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](#).

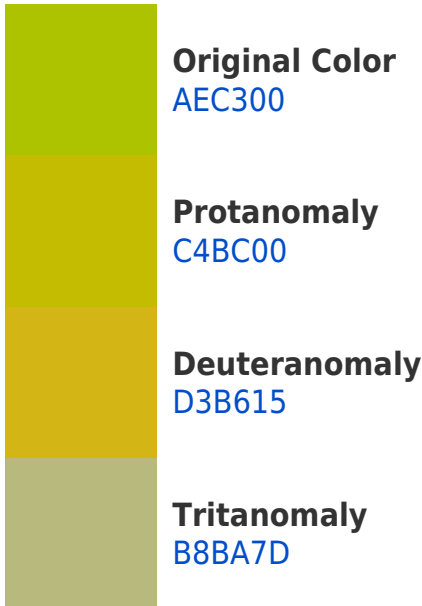
## Dichromacy



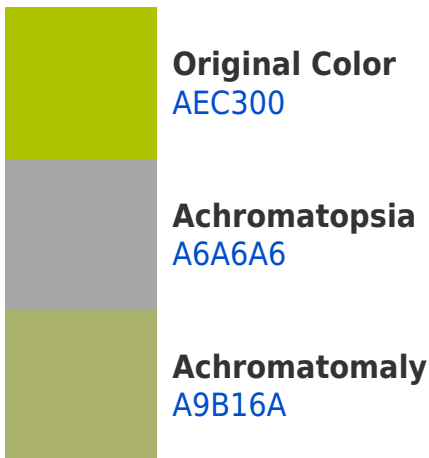


**Tritanopia**  
BDB5C4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AEC300 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 #AEC300 looks like.

```
.text, #text, p{  
    color:#AEC300  
}
```

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 #AEC300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEC300
}
```

## Border

The CSS property to change the border of an element to Hex AEC300 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
#AEC300 }
```

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

```
.border{ border-color:#AEC300 }
```

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

Here you see how a box with a 4 pixel #AEC300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEC300; -webkit-box-shadow:4px 4px  
4px 4px #AEC300; box-shadow:4px 4px 4px  
4px #AEC300 }
```

# Background

The CSS property to change the background color of an element to Hex AEC300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEC300 }
```

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

```
.background{ background-color:#AEC300 }
```

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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