

# Converting Colors

Hex(AEE206)

Have a look what the booklet for  
Hex(AEE206) contains.

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**Color**

**Hex(AEE206)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AEE206
RGB	174, 226, 6
RGB Percent	68%, 89%, 2%
CMY	0.3176, 0.1137, 0.9765
CMYK	0.23, 0.00, 0.97, 0.11
HSL	74°, 95%, 45%
HSV	74°, 97%, 89%
XYZ	44.6848, 63.4045, 10.0555
YIQ	185.3720, 39.6280, -79.4440

# Conversions

## Conversions Part 2

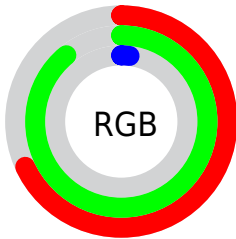
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 226, 58
Decimal	11461126
CIELab	83.65, -40.76, 81.42
CIELCh	84, 91.050, 116.594
Yxy	63.4045, 0.3782, 0.5367
Android (android.graphics.Color)	4289651206 (0xFFFAEE206)
YUV	185.3720, -88.4304, -9.9732
Hunter-Lab	79.6270, -39.1772, 48.2516

# Details

The Hex color **AEE206** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **3A06E2**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **EAFF5A**, and **73AA00** is the 20% darker color. If you saturate the color by 10%, you get **ADE200**, and if you desaturate by 10%, it is **B3E21D**.

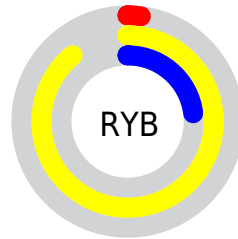
# Distribution



Red (68%)

Green (89%)

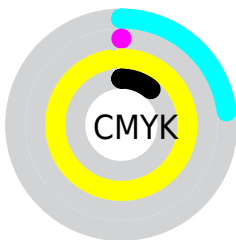
Blue (2%)



Red (2%)

Yellow (89%)

Blue (23%)

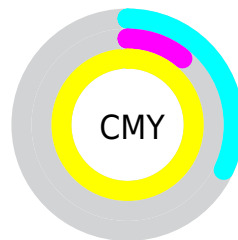


Cyan (23%)

Magenta (0%)

Yellow (97%)

Black (11%)



Cyan (32%)

Magenta (11%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AEE206 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 AEE206 by changing the saturation by 10% instead.



 AEE206

 AEE206

FFFFFF

 91C600

 EAFF5A

 73AA00

 FFFF78

 569000

 FFFF95

 397600

 FFFFB2

 155D00

 FFFF00

 004500

 FFFFEE

 002E00

 001500

 000000

 AEE206

 AEE206

 ADE200

 B3E21D

 B9E233

 BEE24A

 C3E260

 C9E277

 CEE28E

 D3E2A4

 D9E2BB

 DEE2D1

# Harmonies

## Analogous

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



FFC900



AEE206



00F06C

# Triad

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



AEE206



00F0FF



FF76DE

# Complementary

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



AEE206



3A06E2

# 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



AEE206



00DEFF

# Square

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



AEE206



00F7FF



B9BEFF



FF8189

# Rectangle

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



AEE206



00F5A6



B9BEFF



FF7DFB

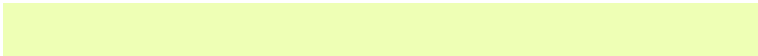


# Sweetspot

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



AEE206



EEFFB5



E23906



758053



000000



808080



# Same Dimension

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



AEE206



C3FF00



41E206



6E7065



86B000



253000



# Inverse Universe

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



3A06E2



3C00FF



A706E2



686570



2A00B0

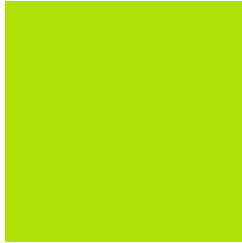


0B0030



# Previews

## White Background



This preview shows how the Hex color AEE206 looks on a white background.

## Color Contrast Check

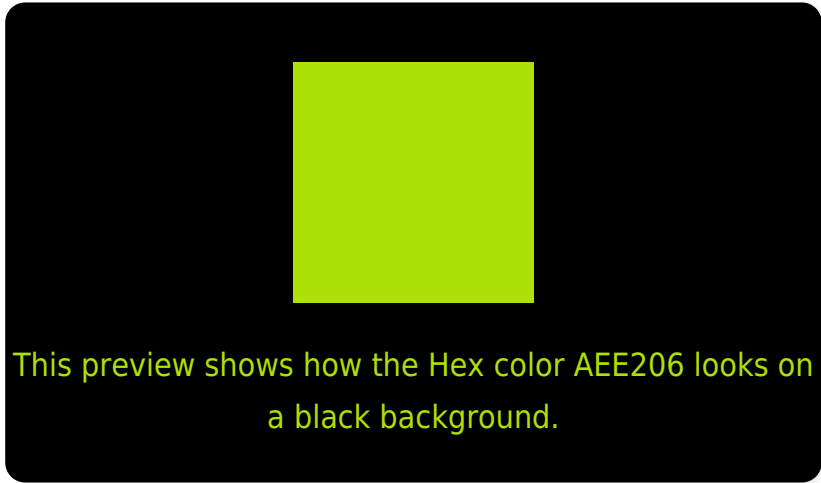
Large Text (above 18pt) WCAG AA × Fail

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 AEE206 Background



This preview shows how black text looks on a background with the Hex color AEE206.

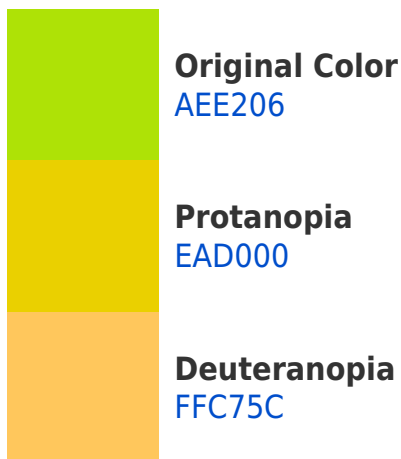


This preview shows how white text looks on a background with the Hex color AEE206.

# 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](#).

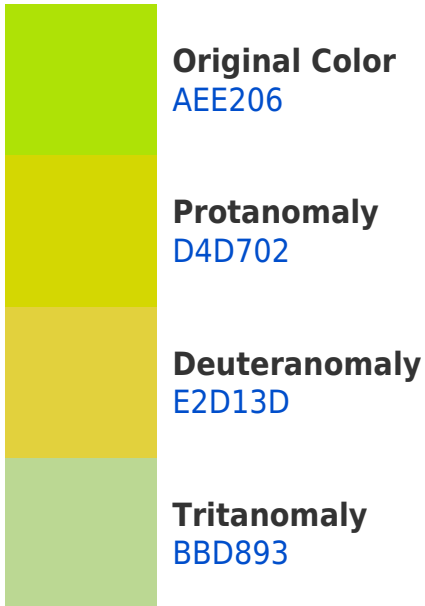
## Dichromacy





**Tritanopia**  
C2D2E3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AEE206 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 #AEE206 looks like.

```
.text, #text, p{  
    color:#AEE206  
}
```

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 #AEE206 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEE206
}
```

## Border

The CSS property to change the border of an element to Hex AEE206 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
#AEE206 }
```

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

```
.border{ border-color:#AEE206 }
```

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

Here you see how a box with a 4 pixel #AEE206 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEE206; -webkit-box-shadow:4px 4px  
4px 4px #AEE206; box-shadow:4px 4px 4px  
4px #AEE206 }
```

# Background

The CSS property to change the background color of an element to Hex AEE206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEE206 }
```

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

```
.background{ background-color:#AEE206 }
```

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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