

Converting Colors

Hex(AEEE00)

Have a look what the booklet for
Hex(AEEE00) contains.

Hex(AEEE00)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(AEEE00)

Conversions

Conversions Part 1

Format	Color
Hex	AEEE00
RGB	174, 238, 0
RGB Percent	68%, 93%, 0%
CMY	0.3176, 0.0667, 1.0000
CMYK	0.27, 0.00, 1.00, 0.07
HSL	76°, 100%, 47%
HSV	76°, 100%, 93%
XYZ	48.0301, 70.1477, 11.0084
YIQ	191.7320, 38.2540, -87.5860

Conversions

Conversions Part 2

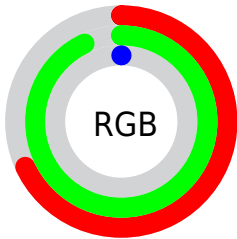
Format	Color
RYB	0, 238, 64
Decimal	11464192
CIELab	87.07, -46.01, 84.53
CIELCh	87, 96.243, 118.558
Yxy	70.1477, 0.3718, 0.5430
Android (android.graphics.Color)	4289654272 (0xFFFAEEE00)
YUV	191.7320, -94.5239, -15.5510
Hunter-Lab	83.7542, -44.2065, 50.8351

Details

The Hex color **AEEE00** is a dark color, and the websafe version is hex **CCFF33**. The color can be described as middle washed chartreuse. A complement of this color would be **4000EE**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **EAFF5B**, and **73B600** is the 20% darker color. If you saturate the color by 10%, you get **AEEE00**, and if you desaturate by 10%, it is **B4EE18**.

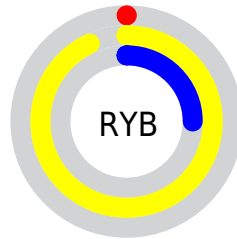
Distribution



Red (68%)

Green (93%)

Blue (0%)



Red (0%)

Yellow (93%)

Blue (25%)

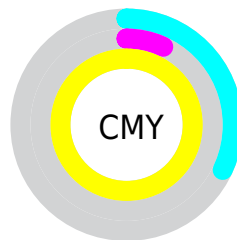


Cyan (27%)

Magenta (0%)

Yellow (100%)

Black (7%)



Cyan (32%)

Magenta (7%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color AEEE00 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 AEEE00 by changing the saturation by 10% instead.

 AEEEE0

 AEEEE0

FFFFFF

 90D200

 EAFF5B

 73B600

 FFFF79

 559B00

 FFFF97

 368000

 FFFFB5

 0A6700

 FFFFD2

 004E00

 FFFFF0

 003600

 002000

 000000

 AEEE00

 B4EE18

 BBEE30

 C1EE47

 C8EE5F

 CEEE77

 D4EE8F

 DBEEA7

 E1EEBE

 E8EED6

Harmonies

Analogous

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



FFD500



AEEE00



00FC74

Triad

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



AEEE00



00FBFF



FF77E3

Complementary

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



AEEE00



4000EE

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.



FF97FF



AEEE00



00E7FF

Square

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



AEEE00



00FFFF



CCC4FF



FF8688

Rectangle

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



AEEE00



00FFB3



CCC4FF



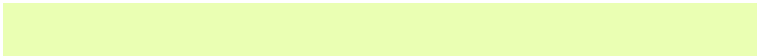
FF7EFF

Sweetspot

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



AEEE00



EAFFB3



EE3F00



738052



000000



808080

Same Dimension

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



AEEE00



BAFF00



38EE00



75786C



86B800



293800

Inverse Universe

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



4000EE



4500FF



B600EE



6F6C78



3100B8



0F0038

Previews

White Background



This preview shows how the Hex color AEEE00 looks on a white background.

Color Contrast Check

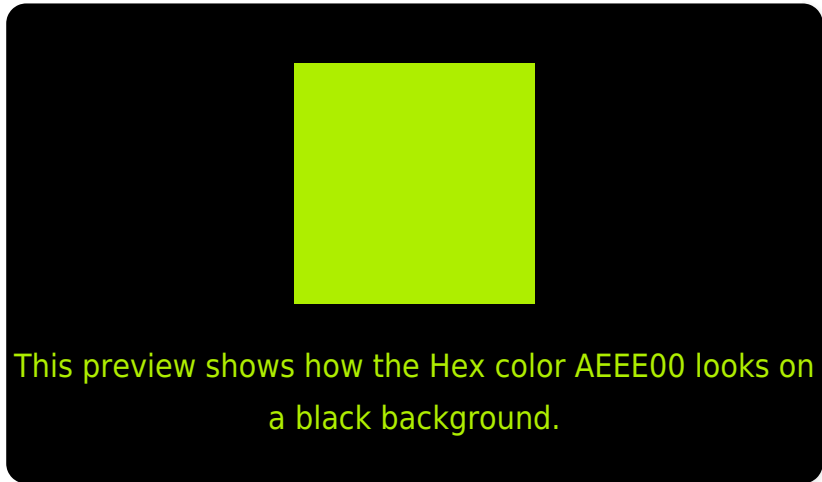
Large Text (above 18pt) WCAG AA × Fail

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 AEEE00 Background



This preview shows how black text looks on a background with the Hex color AEEE00.

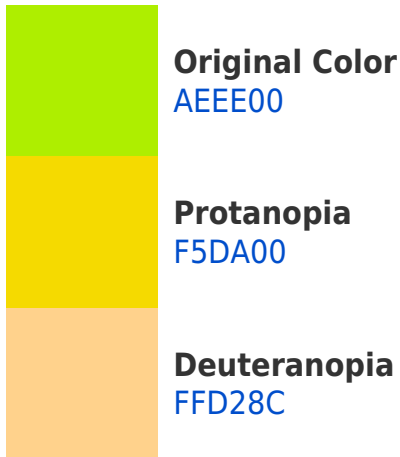


This preview shows how white text looks on a background with the Hex color AEEE00.

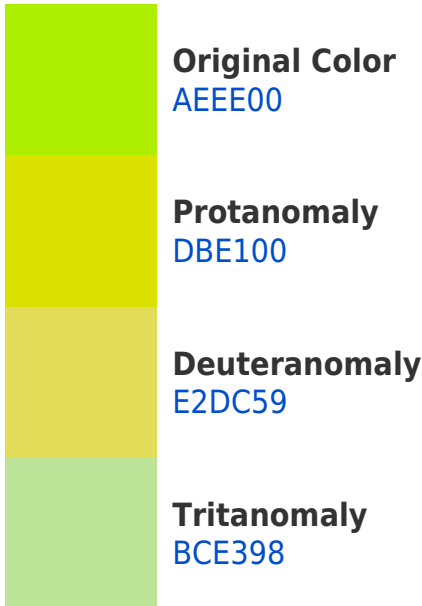
Color Blindness Simulation

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](#).

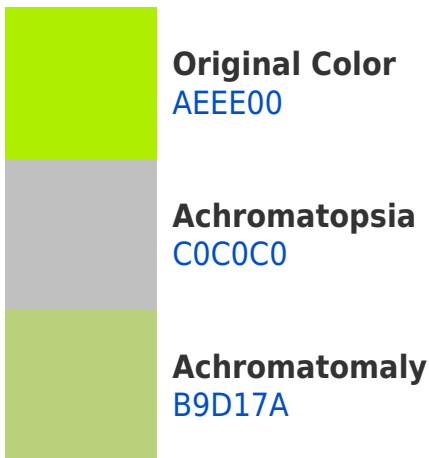
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AEEE00 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 #AEEE00 looks like.

```
.text, #text, p{  
    color:#AEEE00  
}
```

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 #AEEE00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEEE00
}
```

Border

The CSS property to change the border of an element to Hex AEEE00 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
#AEEE00 }
```

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

```
.border{ border-color:#AEEE00 }
```

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

Here you see how a box with a 4 pixel #AEEE00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEEE00; -webkit-box-shadow:4px 4px  
4px 4px #AEEE00; box-shadow:4px 4px 4px  
4px #AEEE00 }
```

Background

The CSS property to change the background color of an element to Hex AEEE00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEEE00 }
```

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

```
.background{ background-color:#AEEE00 }
```

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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