

Converting Colors

Hex(AEE22C)

Have a look what the booklet for
Hex(AEE22C) contains.

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Color

Hex(AEE22C)

Conversions

Conversions Part 1

Format	Color
Hex	AEE22C
RGB	174, 226, 44
RGB Percent	68%, 89%, 17%
CMY	0.3176, 0.1137, 0.8275
CMYK	0.23, 0.00, 0.81, 0.11
HSL	77°, 76%, 53%
HSV	77°, 81%, 89%
XYZ	45.1065, 63.5732, 12.2764
YIQ	189.7040, 27.4300, -67.6260

Conversions

Conversions Part 2

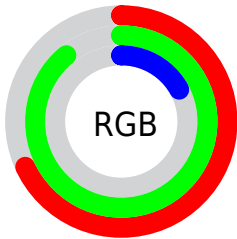
Format	Color
RYB	44, 226, 96
Decimal	11461164
CIELab	83.74, -39.92, 75.35
CIElCh	84, 85.273, 117.915
Yxy	63.5732, 0.3729, 0.5256
Android (android.graphics.Color)	4289651244 (0xFFAEE22C)
YUV	189.7040, -71.8321, -13.7724
Hunter-Lab	79.7328, -38.5512, 46.6842

Details

The Hex color **AEE22C** 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 **602CE2**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **E9FF6A**, and **74AA00** is the 20% darker color. If you saturate the color by 10%, you get **A8E215**, and if you desaturate by 10%, it is **B4E243**.

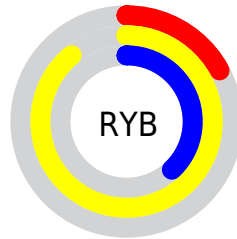
Distribution



Red (68%)

Green (89%)

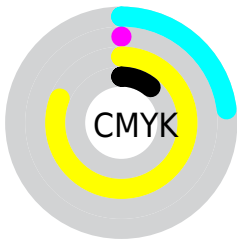
Blue (17%)



Red (17%)

Yellow (89%)

Blue (38%)

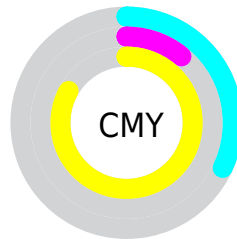


Cyan (23%)

Magenta (0%)

Yellow (81%)

Black (11%)



Cyan (32%)

Magenta (11%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color AEE22C 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 AEE22C by changing the saturation by 10% instead.

 AEE22C

 AEE22C

FFFFFF

 91C600

 E9FF6A

 74AA00

 FFFF87

 579000

 FFFFA4

 3B7600

 FFFF87

 195D00

 FFFFDF

 004500

 FFFF87

 002E00

 001600

 000000

 AEE22C

 AEE22C

 A8E215

 B4E243

 A1E200

 BBE259

 C1E270

 C8E286

 CEE29D

 D5E2B4

 DBE2CA

 E2E2E1

 E8E2F7

Harmonies

Analogous

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



FDCB00



AEE22C



1DEF76

Triad

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



AEE22C



00EEFF



FF80DA

Complementary

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



AEE22C



602CE2

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.



FF99FF



AEE22C



00DCFF

Square

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



AEE22C



00F6FF



C4BEFF



FF8A8B

Rectangle

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



AEE22C



00F4AC



C4BEFF



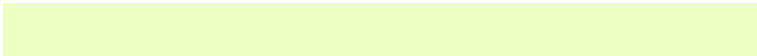
FF85F5

Sweetspot

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



AEE22C



EEFFC2



E2602C



75805B



000000



808080

Same Dimension

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



AEE22C



B8FF08



53E22C



6D7065



7EB000



233000

Inverse Universe

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



602CE2



4E08FF



BB2CE2



686570



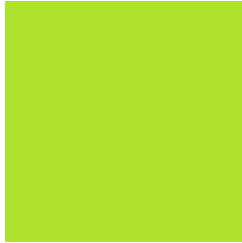
3200B0



0E0030

Previews

White Background



This preview shows how the Hex color AEE22C looks on a white background.

Color Contrast Check

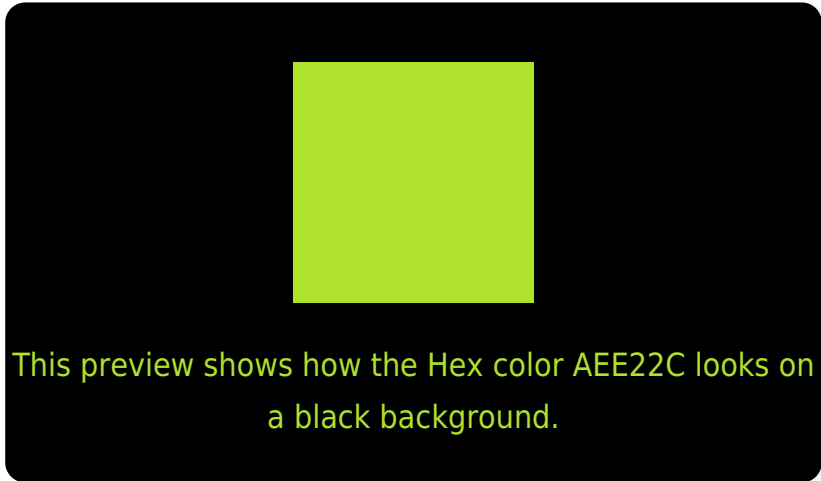
Large Text (above 18pt) WCAG AA × Fail

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 AEE22C Background



This preview shows how black text looks on a background with the Hex color AEE22C.

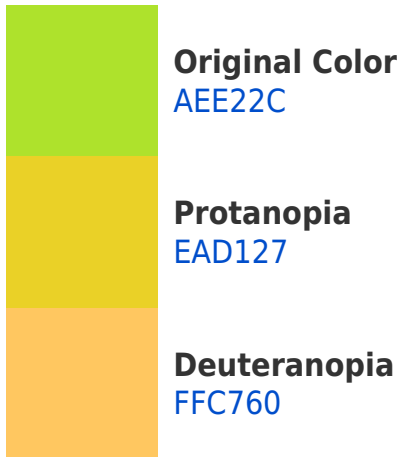


This preview shows how white text looks on a background with the Hex color AEE22C.

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](#).

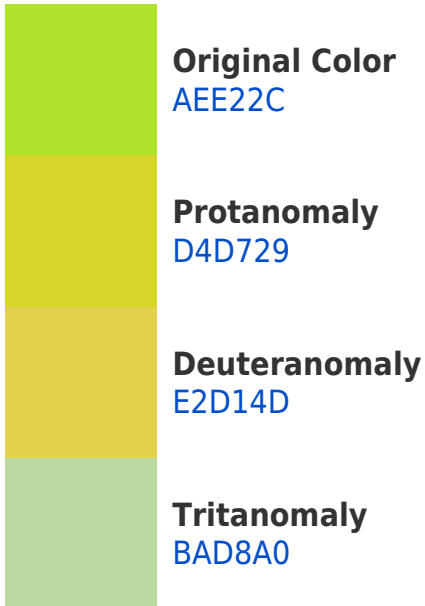
Dichromacy





Tritanopia
C1D2E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AEE22C 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 #AEE22C looks like.

```
.text, #text, p{  
    color:#AEE22C  
}
```

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 #AEE22C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEE22C
}
```

Border

The CSS property to change the border of an element to Hex AEE22C 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
#AEE22C }
```

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

```
.border{ border-color:#AEE22C }
```

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

Here you see how a box with a 4 pixel #AEE22C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEE22C; -webkit-box-shadow:4px 4px  
4px 4px #AEE22C; box-shadow:4px 4px 4px  
4px #AEE22C }
```

Background

The CSS property to change the background color of an element to Hex AEE22C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEE22C }
```

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

```
.background{ background-color:#AEE22C }
```

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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