

Converting Colors

Hex(AEE13A)

Have a look what the booklet for
Hex(AEE13A) contains.

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Color

Hex(AEE13A)

Conversions

Conversions Part 1

Format	Color
Hex	AEE13A
RGB	174, 225, 58
RGB Percent	68%, 88%, 23%
CMY	0.3176, 0.1176, 0.7725
CMYK	0.23, 0.00, 0.74, 0.12
HSL	78°, 74%, 55%
HSV	78°, 74%, 88%
XYZ	45.1445, 63.1546, 13.8137
YIQ	190.7130, 23.2110, -62.7490

Conversions

Conversions Part 2

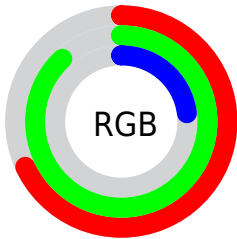
Format	Color
RYB	58, 225, 109
Decimal	11460922
CIELab	83.52, -38.87, 71.10
CIELCh	84, 81.027, 118.664
Yxy	63.1546, 0.3697, 0.5172
Android (android.graphics.Color)	4289651002 (0xFFAEE13A)
YUV	190.7130, -65.4275, -14.6573
Hunter-Lab	79.4699, -37.6716, 45.3229

Details

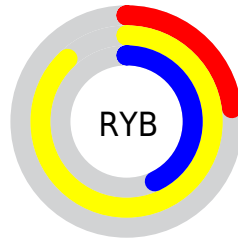
The Hex color **AEE13A** is a light color, and the websafe version is hex **99CC00**. The color can be described as light washed chartreuse. A complement of this color would be **6D3AE1**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **E9FF75**, and **75A900** is the 20% darker color. If you saturate the color by 10%, you get **A7E123**, and if you desaturate by 10%, it is **B5E151**.

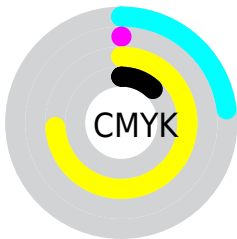
Distribution



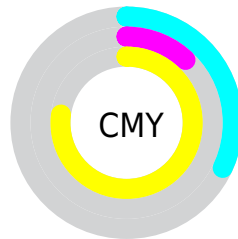
- Red (68%)
- Green (88%)
- Blue (23%)



- Red (23%)
- Yellow (88%)
- Blue (43%)



- Cyan (23%)
- Magenta (0%)
- Yellow (74%)
- Black (12%)



- Cyan (32%)
- Magenta (12%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color AEE13A 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 AEE13A by changing the saturation by 10% instead.

 AEE13A

 AEE13A

FFFFFF

 91C514

 E9FF75

 75A900

 FFFF91

 588F00

 FFFFAD

 3C7500

 FFFFCA

 1C5C00

 FFFFEE8

 004400

 002D00

 001500

 000000

 AEE13A

 AEE13A

 A7E123

 B5E151

 A0E10D

 BCE167

 9CE100

 C3E17D

 C9E194

 D0E1AA

 D7E1C1

 DEE1D7

 E5E1EE

 ECE1FF

Harmonies

Analogous

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



F9CB1D



AEE13A



30EE7C

Triad

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



AEE13A



00ECFF



FF86D7

Complementary

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



AEE13A



6D3AE1

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.



FF9BFF



AEE13A



00DAFF

Square

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



AEE13A



00F3FF



C9BDFF



FF8F8C

Rectangle

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



AEE13A



00F2B0



C9BDFF



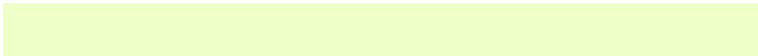
FF8AF0

Sweetspot

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



AEE13A



EEFFC7



E16C3A



75805E



000000



808080

Same Dimension

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



AEE13A



BAFF1C



5BE13A



6D7065



7AB000



223000

Inverse Universe

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



6D3AE1



611CFF



C03AE1



686570



3600B0



0F0030

Previews

White Background



This preview shows how the Hex color AEE13A looks on a white background.

Color Contrast Check

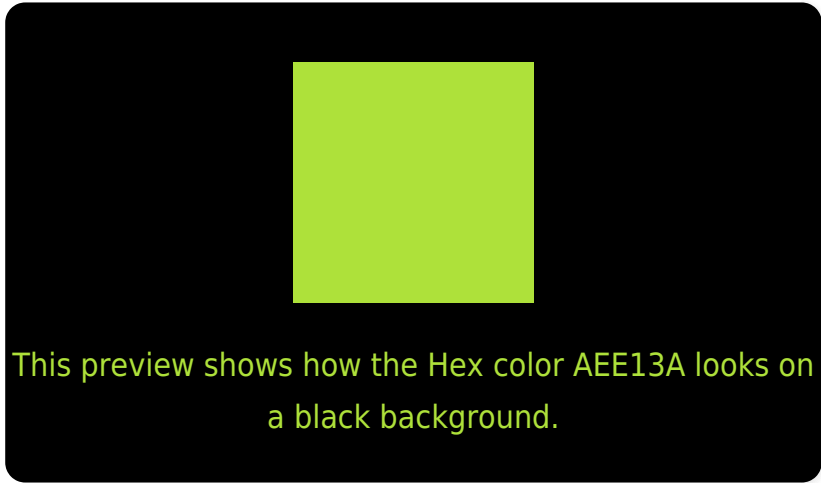
Large Text (above 18pt) WCAG AA × Fail

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 AEE13A Background



This preview shows how black text looks on a background with the Hex color AEE13A.

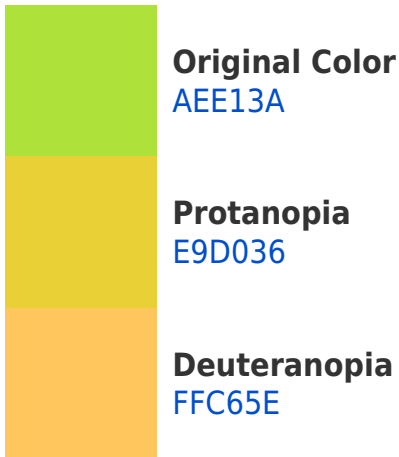


This preview shows how white text looks on a background with the Hex color AEE13A.

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

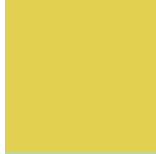
Trichromacy



Original Color
AEE13A



Protanomaly
D4D637



Deuteranomaly
E2D051

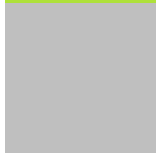


Tritanomaly
BAD7A6

Monochromacy



Original Color
AEE13A



Achromatopsia
BFBFBF



Achromatomaly
B9CB8F

CSS Examples

Text

The CSS property to change the color of the text to Hex AEE13A 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 #AEE13A looks like.

```
.text, #text, p{  
    color:#AEE13A  
}
```

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 #AEE13A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEE13A
}
```

Border

The CSS property to change the border of an element to Hex AEE13A 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
#AEE13A }
```

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

```
.border{ border-color:#AEE13A }
```

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

Here you see how a box with a 4 pixel #AEE13A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEE13A; -webkit-box-shadow:4px 4px  
4px 4px #AEE13A; box-shadow:4px 4px 4px  
4px #AEE13A }
```

Background

The CSS property to change the background color of an element to Hex AEE13A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEE13A }
```

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

```
.background{ background-color:#AEE13A }
```

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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