

Converting Colors

Hex(AEED3A)

Have a look what the booklet for
Hex(AEED3A) contains.

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Color

Hex(AEED3A)

Conversions

Conversions Part 1

Format	Color
Hex	AEED3A
RGB	174, 237, 58
RGB Percent	68%, 93%, 23%
CMY	0.3176, 0.0706, 0.7725
CMYK	0.27, 0.00, 0.76, 0.07
HSL	81°, 83%, 58%
HSV	81°, 76%, 93%
XYZ	48.5035, 69.8725, 14.9333
YIQ	197.7570, 19.9110, -69.0250

Conversions

Conversions Part 2

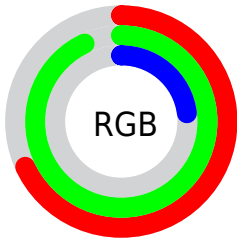
Format	Color
RYB	58, 237, 121
Decimal	11463994
CIELab	86.93, -44.12, 74.33
CIELCh	87, 86.442, 120.693
Yxy	69.8725, 0.3638, 0.5241
Android (android.graphics.Color)	4289654074 (0xFFAEED3A)
YUV	197.7570, -68.9002, -20.8349
Hunter-Lab	83.5898, -42.7065, 47.9207

Details

The Hex color **AEED3A** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed chartreuse. A complement of this color would be **793AED**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **E9FF76**, and **74B500** is the 20% darker color. If you saturate the color by 10%, you get **A6ED22**, and if you desaturate by 10%, it is **B6ED52**.

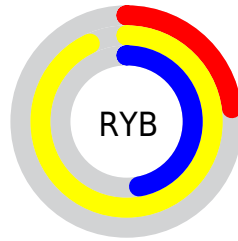
Distribution



Red (68%)

Green (93%)

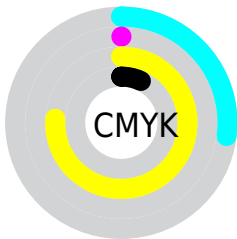
Blue (23%)



Red (23%)

Yellow (93%)

Blue (47%)

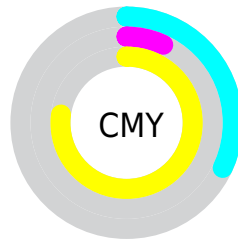


Cyan (27%)

Magenta (0%)

Yellow (76%)

Black (7%)



Cyan (32%)

Magenta (7%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color AEED3A 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 AEED3A by changing the saturation by 10% instead.

 AEED3A

 AEED3A

FFFFFF

 91D111

 E9FF76

 74B500

 FFFF93

 579A00

 FFFFAF

 397F00

 FFFFCD

 156600

 FFFFEA

 004D00

 003500

 002000

 000000

 AEED3A

 AEED3A

 A6ED22

 B6ED52

 9DED0B

 BFED69

 9AED00

 C7ED81

 CFED99

 D8EDB0

 E0EDC8

 E8EDE0

 F1EDF8

 F9EDFF

Harmonies

Analogous

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



FFD709



AEED3A



00FA85

Triad

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



AEED3A



00F6FF



FF87DB

Complementary

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



AEED3A



793AED

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.



FF9EFF



AEED3A



00E3FF

Square

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



AEED3A



00FFFF



DAC3FF



FF958B

Rectangle

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



AEEED3A



00FFBC



DAC3FF



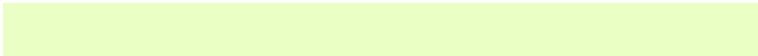
FF8BF7

Sweetspot

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



AEED3A



EAFFC4



ED793A



73805C



000000



808080

Same Dimension

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



AEED3A



ADFF17



55ED3A



71756A



75B500



233600

Inverse Universe

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



793AED



6917FF



D23AED



6E6A75



4000B5



130036

Previews

White Background



This preview shows how the Hex color AEED3A looks on a white background.

Color Contrast Check

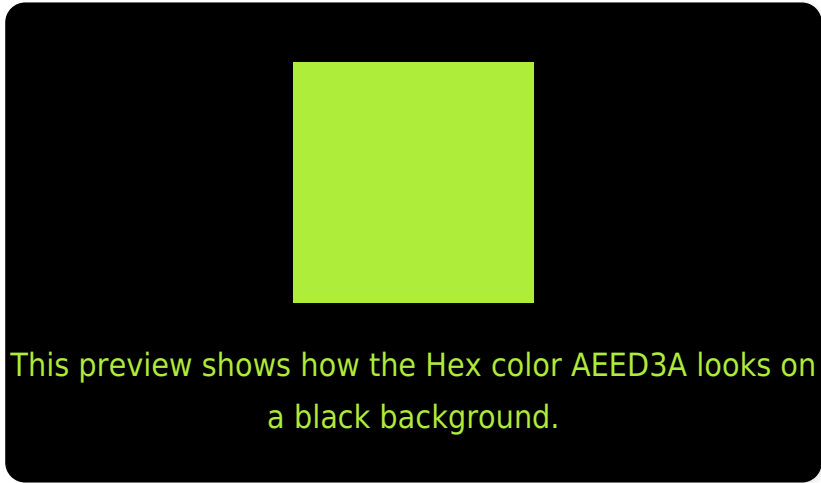
Large Text (above 18pt) WCAG AA × Fail

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 AEED3A Background



This preview shows how black text looks on a background with the Hex color AEED3A.

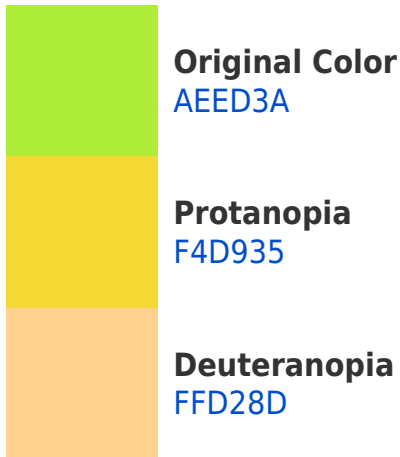


This preview shows how white text looks on a background with the Hex color AEED3A.

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



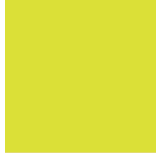


Tritanopia
C3DDEF

Trichromacy



Original Color
AEED3A



Protanomaly
DBE037



Deuteranomaly
E2DC6F

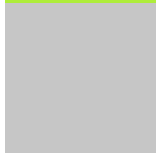


Tritanomaly
BBE3AD

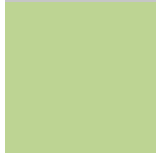
Monochromacy



Original Color
AEED3A



Achromatopsia
C6C6C6



Achromatomaly
BDD493

CSS Examples

Text

The CSS property to change the color of the text to Hex AEED3A 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 #AEED3A looks like.

```
.text, #text, p{  
    color:#AEED3A  
}
```

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 #AEED3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEED3A
}
```

Border

The CSS property to change the border of an element to Hex AEED3A 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
#AEED3A }
```

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

```
.border{ border-color:#AEED3A }
```

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

Here you see how a box with a 4 pixel #AEED3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEED3A; -webkit-box-shadow:4px 4px  
4px 4px #AEED3A; box-shadow:4px 4px 4px  
4px #AEED3A }
```

Background

The CSS property to change the background color of an element to Hex AEED3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEED3A }
```

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

```
.background{ background-color:#AEED3A }
```

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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