

Converting Colors

Hex(AEFF44)

Have a look what the booklet for
Hex(AEFF44) contains.

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Color

Hex(AEFF44)

Conversions

Conversions Part 1

Format	Color
Hex	AEFF44
RGB	174, 255, 68
RGB Percent	68%, 100%, 27%
CMY	0.3176, 0.0000, 0.7333
CMYK	0.32, 0.00, 0.73, 0.00
HSL	86°, 100%, 63%
HSV	86°, 73%, 100%
XYZ	54.2589, 80.9360, 18.2313
YIQ	209.4630, 11.7510, -75.3290

Conversions

Conversions Part 2

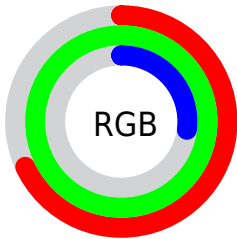
Format	Color
R _{YB}	68, 255, 149
Decimal	11468612
CIE Lab	92.10, -51.19, 76.15
CIE LCh	92, 91.755, 123.907
Yxy	80.9360, 0.3536, 0.5275
Android (android.graphics.Color)	4289658692 (0xFFFAEFF44)
YUV	209.4630, -69.7413, -31.1011
Hunter-Lab	89.9645, -49.7817, 50.9600

Details

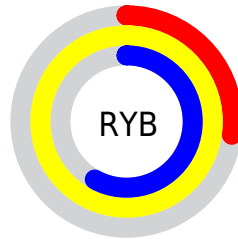
The Hex color **AEFF44** is a light color, and the websafe version is hex **99FF33**. The color can be described as light washed chartreuse. A complement of this color would be **9544FF**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **EAFF80**, and **73C600** is the 20% darker color. If you saturate the color by 10%, you get **A3FF2A**, and if you desaturate by 10%, it is **B9FF5D**.

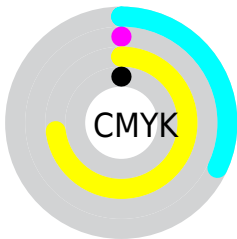
Distribution



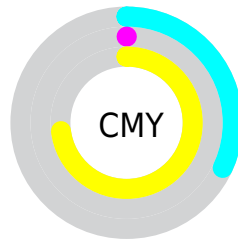
- Red (68%)
- Green (100%)
- Blue (27%)



- Red (27%)
- Yellow (100%)
- Blue (58%)



- Cyan (32%)
- Magenta (0%)
- Yellow (73%)
- Black (0%)



- Cyan (32%)
- Magenta (0%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color A EFF44 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 A EFF44 by changing the saturation by 10% instead.

 A EFF44

 A EFF44

FFFFFF

 90E21F

 EAFF80

 73C600

 FFFF9D

 55AA00

 FFFFBA

 348F00

 FFFF D7

 067500

 FFFFF5

 005B00

 004300

 002D00

 000E00

 AEFF44


 AEFF44

 A3FF2A

 B9FF5D

 98FF11

 C4FF77

 91FF00

 CFFF91

 DAFFAA

 E5FFC3

 F0FFDD

 FBFFF6

FFFFFF

Harmonies

Analogous

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



FFE800



AEFF44



00FF96

Triad

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



AEFF44



00FFFF



FF8FE0

Complementary

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



AEFF44



9544FF

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.



FFA4FF



AEFF44



00EFFF

Square

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



AEFF44



00FFFF



F8CCFF



FFA18B

Rectangle

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



AEFF44



00FFD3



F8CCFF



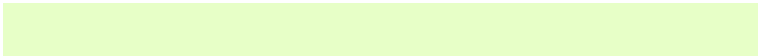
FF92FE

Sweetspot

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



AEFF44



E7FFC7



FF9244



71805E



000000



808080

Same Dimension

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



AEFF44



9EFF1F



54FF44



7A8073



6CBF00



244000

Inverse Universe

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



9544FF



801FFF



EF44FF



787380



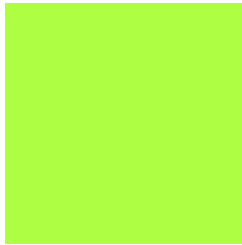
5300BF



1C0040

Previews

White Background



This preview shows how the Hex color A EFF 44 looks on a white background.

Color Contrast Check

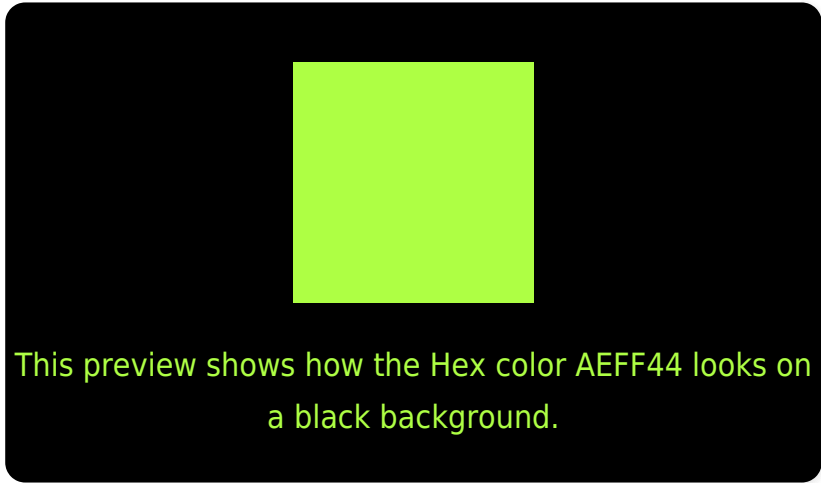
Large Text (above 18pt) WCAG AA × Fail

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 AEF44 Background



This preview shows how black text looks on a background with the Hex color AEF44.

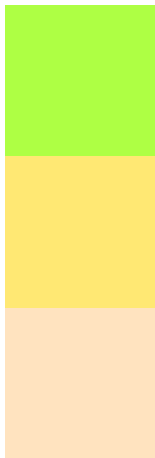


This preview shows how white text looks on a background with the Hex color AEF44.

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



Original Color
AEFF44

Protanopia
FFE873

Deuteranopia
FFE3BF

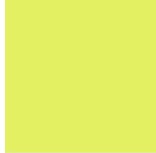


Tritanopia
C9EDFF

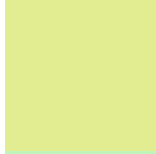
Trichromacy



Original Color
AEFF44



Protanomaly
E2F062



Deuteranomaly
E2ED92

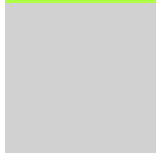


Tritanomaly
BFF4BB

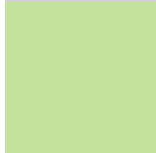
Monochromacy



Original Color
AEFF44



Achromatopsia
D1D1D1



Achromatomaly
C4E29E

CSS Examples

Text

The CSS property to change the color of the text to Hex AEFF44 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 #AEFF44 looks like.

```
.text, #text, p{  
    color:#AEFF44  
}
```

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 #AEFF44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEFF44  
}
```

Border

The CSS property to change the border of an element to Hex AEFF44 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  
#AEFF44 }
```

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

```
.border{ border-color:#AEFF44 }
```

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

Here you see how a box with a 4 pixel #AEFF44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEFF44; -webkit-box-shadow:4px 4px  
4px 4px #AEFF44; box-shadow:4px 4px 4px  
4px #AEFF44 }
```

Background

The CSS property to change the background color of an element to Hex AEFF44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEFF44 }
```

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

```
.background{ background-color:#AEFF44 }
```

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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