

Converting Colors

Hex(AFED44)

Have a look what the booklet for
Hex(AFED44) contains.

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Color

Hex(AFED44)

Conversions

Conversions Part 1

Format	Color
Hex	AFED44
RGB	175, 237, 68
RGB Percent	69%, 93%, 27%
CMY	0.3137, 0.0706, 0.7333
CMYK	0.26, 0.00, 0.71, 0.07
HSL	82°, 82%, 60%
HSV	82°, 71%, 93%
XYZ	49.0068, 70.0997, 16.4165
YIQ	199.1960, 17.2970, -65.7030

Conversions

Conversions Part 2

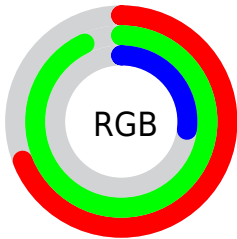
Format	Color
RYB	68, 237, 130
Decimal	11529540
CIELab	87.05, -43.23, 71.22
CIELCh	87, 83.309, 121.256
Yxy	70.0997, 0.3616, 0.5173
Android (android.graphics.Color)	4289719620 (0xFFAFED44)
YUV	199.1960, -64.6796, -21.2199
Hunter-Lab	83.7256, -42.0390, 46.9826

Details

The Hex color **AFED44** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted chartreuse. A complement of this color would be **8244ED**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **EAFF7E**, and **75B500** is the 20% darker color. If you saturate the color by 10%, you get **A6ED2C**, and if you desaturate by 10%, it is **B8ED5C**.

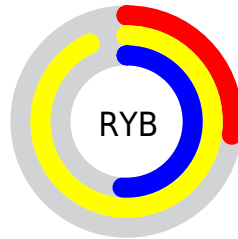
Distribution



Red (69%)

Green (93%)

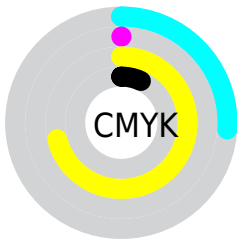
Blue (27%)



Red (27%)

Yellow (93%)

Blue (51%)

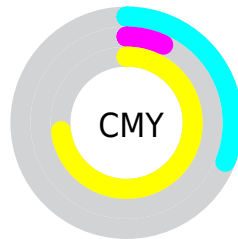


Cyan (26%)

Magenta (0%)

Yellow (71%)

Black (7%)



Cyan (31%)

Magenta (7%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color AFED44 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 AFED44 by changing the saturation by 10% instead.

 AFED44

 AFED44

FFFFFF

 92D122

 EAFF7E

 75B500

 FFFF9A

 599A00

 FFFFB7

 3B7F00

 FFFF D4

 1A6600

 FFFFF2

 004D00

 003500

 002000

 000000

 AFED44

 AFED44

 A6ED2C

 B8ED5C

 9EED15

 C0ED73

 96ED00

 C9ED8B

 D2EDA3

 DAEDBA

 E3EDD2

 ECEDEA

 F5EDFF

 FDEDFD

Harmonies

Analogous

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



FFD720



AFED44



10FA8A

Triad

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



AFED44



00F6FF



FF8DDA

Complementary

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



AFED44



8244ED

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.



FFA0FF



AFED44



00E2FF

Square

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



AFED44



00FEFF



DEC4FF



FF998D

Rectangle

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



AFED44



00FEBF



DEC4FF



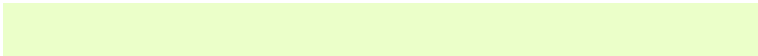
FF90F5

Sweetspot

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



AFED44



EBFFC9



ED8244



748060



000000



808080

Same Dimension

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



AFED44



AFFF24



5BED44



71756A



73B500



223600

Inverse Universe

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



8244ED



7424FF



D644ED



6E6A75



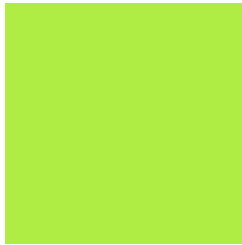
4200B5



140036

Previews

White Background



This preview shows how the Hex color AFED44 looks on a white background.

Color Contrast Check

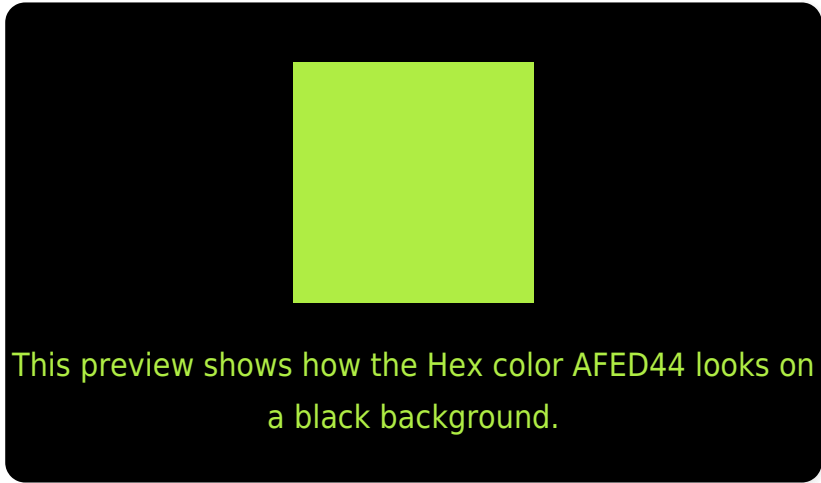
Large Text (above 18pt) WCAG AA × Fail

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 AFED44 Background



This preview shows how black text looks on a background with the Hex color AFED44.

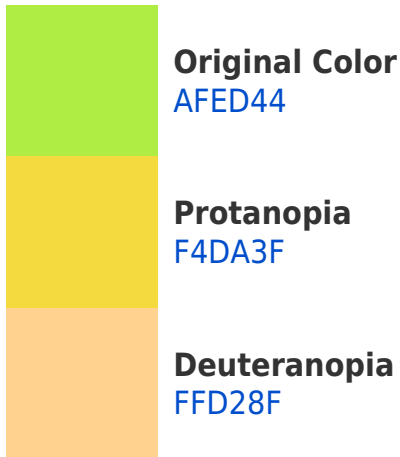


This preview shows how white text looks on a background with the Hex color AFED44.

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
AFED44



Protanomaly
DBE141



Deuteranomaly
E2DC74

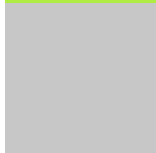


Tritanomaly
BCE3B1

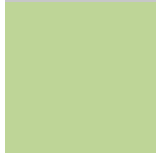
Monochromacy



Original Color
AFED44



Achromatopsia
C7C7C7



Achromatomaly
BED597

CSS Examples

Text

The CSS property to change the color of the text to Hex AFED44 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 #AFED44 looks like.

```
.text, #text, p{  
    color:#AFED44  
}
```

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 #AFED44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFED44
}
```

Border

The CSS property to change the border of an element to Hex AFED44 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
#AFED44 }
```

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

```
.border{ border-color:#AFED44 }
```

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

Here you see how a box with a 4 pixel #AFED44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFED44; -webkit-box-shadow:4px 4px  
4px 4px #AFED44; box-shadow:4px 4px 4px  
4px #AFED44 }
```

Background

The CSS property to change the background color of an element to Hex AFED44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFED44 }
```

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

```
.background{ background-color:#AFED44 }
```

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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