

Converting Colors

Hex(AFEB07)

Have a look what the booklet for
Hex(AFEB07) contains.

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Color

Hex(AFEB07)

Conversions

Conversions Part 1

Format	Color
Hex	AFE807
RGB	175, 235, 7
RGB Percent	69%, 92%, 3%
CMY	0.3137, 0.0784, 0.9725
CMYK	0.26, 0.00, 0.97, 0.08
HSL	76°, 94%, 47%
HSV	76°, 97%, 92%
XYZ	47.4259, 68.5460, 10.9321
YIQ	191.0680, 37.4280, -83.6280

Conversions

Conversions Part 2

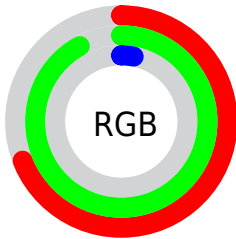
Format	Color
RYB	7, 235, 67
Decimal	11528967
CIELab	86.28, -44.28, 83.39
CIELCh	86, 94.413, 117.968
Yxy	68.5460, 0.3737, 0.5401
Android (android.graphics.Color)	4289719047 (0xFFAFEB07)
YUV	191.0680, -90.7455, -14.0916
Hunter-Lab	82.7925, -42.6370, 50.1260

Details

The Hex color **AFE807** is a dark color, and the websafe version is hex **CCFF33**. The color can be described as middle washed chartreuse. A complement of this color would be **4307EB**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **EBFF5C**, and **74B300** is the 20% darker color. If you saturate the color by 10%, you get **ADEB00**, and if you desaturate by 10%, it is **B5EB1F**.

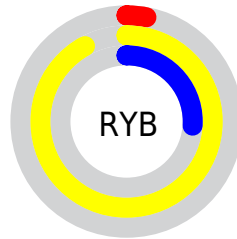
Distribution



Red (69%)

Green (92%)

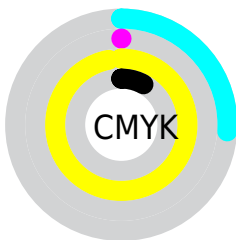
Blue (3%)



Red (3%)

Yellow (92%)

Blue (26%)

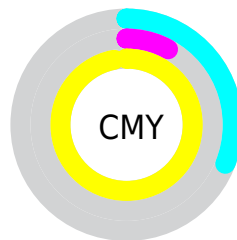


Cyan (26%)

Magenta (0%)

Yellow (97%)

Black (8%)



Cyan (31%)

Magenta (8%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color AFEB07 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 AFEB07 by changing the saturation by 10% instead.

 AFEB07

 AFEB07

FFFFFF

 91CF00

 EBFF5C

 74B300


 FFFF7A

 569800

 FFFF98

 387E00

 FFFFB5

 116400

 FFFFD3

 004C00

 FFFFF1

 003400

 001E00

 000000

 AFEB07

 AFEB07

 ADEB00

 B5EB1F

 BBEB36

 C2EB4E

 C8EB65

 CEEB7C

 D4EB94

 DAEBAB

 E0EBC3

 E7EBDB

Harmonies

Analogous

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



FFD200



AFE807



00F972

Triad

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



AFE807



00E8FF



FF66B2

Complementary

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



AFE807



4307EB

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.



FF97FF



AFE807



00E5FF

Square

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



AFE807



00FFFF



C7C3FF



FF868A

Rectangle

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



AFE807



00FFAF



C7C3FF



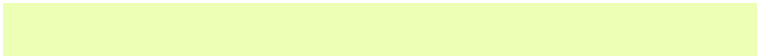
FF7FFF

Sweetspot

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



AFE807



ECFFB5



EB4007



748053



000000



808080

Same Dimension

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



AFE807



BCFF00



40E807



72756A



85B500



273600

Inverse Universe

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



4307EB



4300FF



B207EB



6D6A75



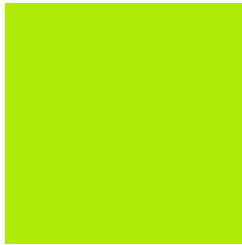
3000B5



0E0036

Previews

White Background



This preview shows how the Hex color AFEB07 looks on a white background.

Color Contrast Check

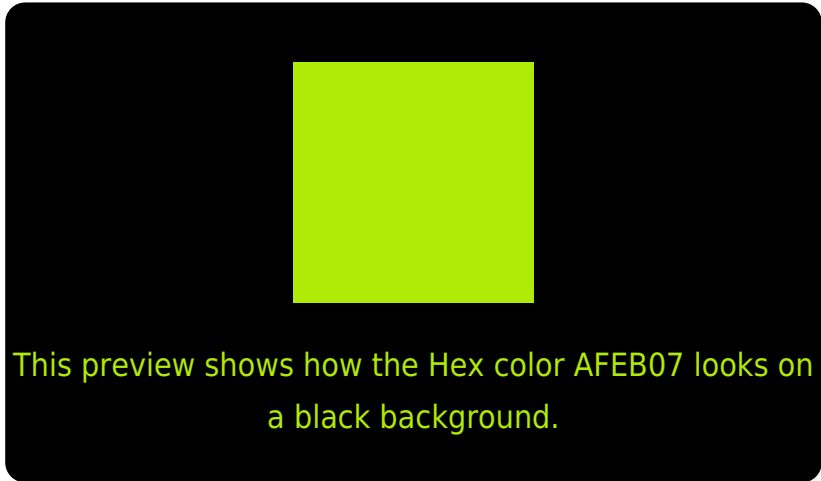
Large Text (above 18pt) WCAG AA × Fail

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 AFEB07 Background



This preview shows how black text looks on a background with the Hex color AFEB07.



This preview shows how white text looks on a background with the Hex color AFEB07.

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
AFEB07

Protanopia
F3D800

Deuteranopia
FFD083

Trichromacy



Original Color
AFEB07



Protanomaly
DADF03



Deuteranomaly
E2DA56

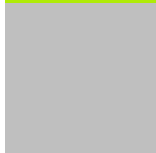


Tritanomaly
BCE099

Monochromacy



Original Color
AFEB07



Achromatopsia
BFBFBF



Achromatomaly
B9CF7C

CSS Examples

Text

The CSS property to change the color of the text to Hex AFEB07 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 #AFEB07 looks like.

```
.text, #text, p{  
    color:#AFEB07  
}
```

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 #AFE07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFE07  
}
```

Border

The CSS property to change the border of an element to Hex AFE07 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  
#AFE07 }
```

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

```
.border{ border-color:#AFEB07 }
```

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

Here you see how a box with a 4 pixel #AFEB07 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFEB07; -webkit-box-shadow:4px 4px  
4px 4px #AFEB07; box-shadow:4px 4px 4px  
4px #AFEB07 }
```

Background

The CSS property to change the background color of an element to Hex AFEB07 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFEB07 }
```

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

```
.background{ background-color:#AFEB07 }
```

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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