

Converting Colors

Hex(AECB47)

Have a look what the booklet for
Hex(AECB47) contains.

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Color

Hex(AECB47)

Conversions

Conversions Part 1

Format	Color
Hex	AECB47
RGB	174, 203, 71
RGB Percent	68%, 80%, 28%
CMY	0.3176, 0.2039, 0.7216
CMYK	0.14, 0.00, 0.65, 0.20
HSL	73°, 56%, 54%
HSV	73°, 65%, 80%
XYZ	39.9488, 52.1655, 13.9247
YIQ	179.2810, 25.0880, -47.2000

Conversions

Conversions Part 2

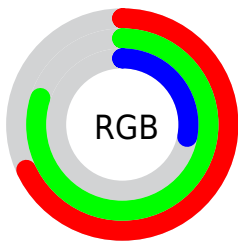
Format	Color
RYB	71, 203, 100
Decimal	11455303
CIELab	77.38, -27.96, 60.24
CIElCh	77, 66.410, 114.903
Yxy	52.1655, 0.3767, 0.4919
Android (android.graphics.Color)	4289645383 (0xFFAECB47)
YUV	179.2810, -53.3825, -4.6314
Hunter-Lab	72.2257, -27.6646, 39.1272

Details

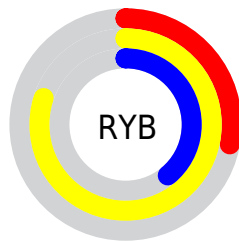
The Hex color **AECB47** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **6447CB**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **E8FF7D**, and **769501** is the 20% darker color. If you saturate the color by 10%, you get **AACB33**, and if you desaturate by 10%, it is **B2CB5B**.

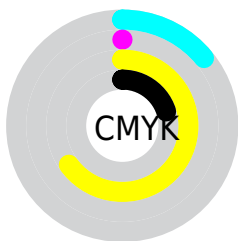
Distribution



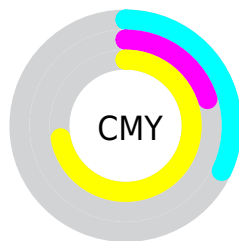
- Red (68%)
- Green (80%)
- Blue (28%)



- Red (28%)
- Yellow (80%)
- Blue (39%)



- Cyan (14%)
- Magenta (0%)
- Yellow (65%)
- Black (20%)



- Cyan (32%)
- Magenta (20%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color AECB47 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 AECB47 by changing the saturation by 10% instead.



AECB47



AECB47

FFFFFF



92B02A



E8FF7D



769501



FFFF99



5B7B00



FFFFB5



416200



FFFFD2



254A00



FFFFEF



063300



002000



000000



AECB47



AECB47

 AACB33

 B2CB5B

 A5CB1E

 B7CB70

 A1CB0A

 BBCB84

 9ECB00

 C0CB98

 C4CBAD

 C9CBC1

 CDCBD5

 D2CBE9

 D6CBFE

Harmonies

Analogous

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



E9B83C



AECB47



5ED775

Triad

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



AECB47



00D7FF



FF88CC

Complementary

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



AECB47



6447CB

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.



FF99FF



AECB47



00C9FF

Square

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



AECB47



00DDF1



AFB3FF



FF8C8F

Rectangle

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



AECB47



00DB9D



AFB3FF



FF8CE1

Sweetspot

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



AECB47



F4FFCC



CB6447



798061



000000



808080

Same Dimension

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



AECB47



D3FF38



6CCB47



64665C



81A600



1E2600

Inverse Universe

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



6447CB



6438FF



A647CB



5E5C66



2400A6



080026

Previews

White Background



This preview shows how the Hex color AECB47 looks on a white background.

Color Contrast Check

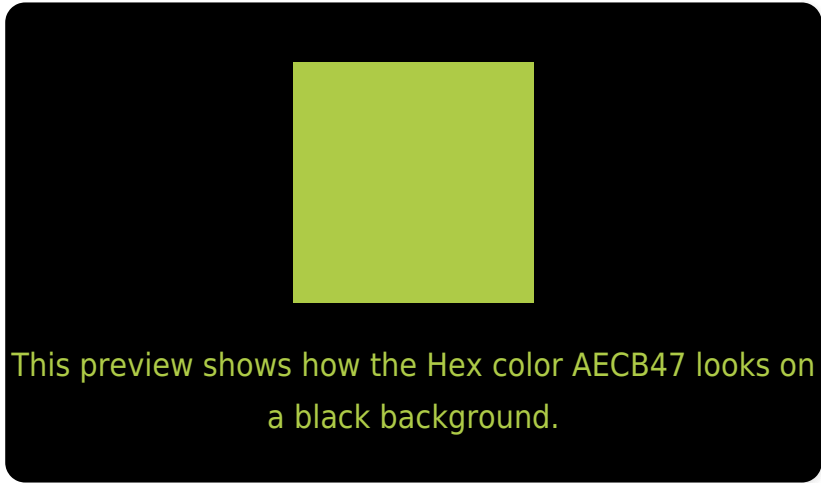
Large Text (above 18pt) WCAG AA × Fail

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 AECB47 Background



This preview shows how black text looks on a background with the Hex color AECB47.

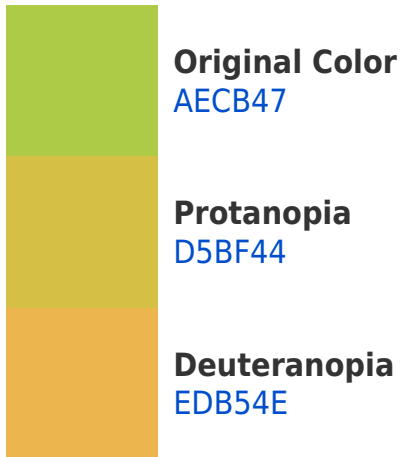


This preview shows how white text looks on a background with the Hex color AECB47.

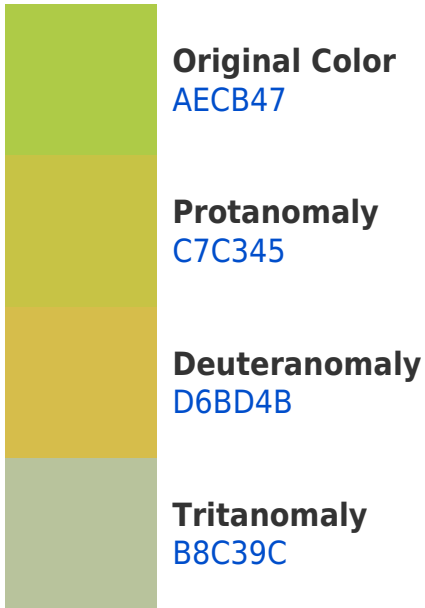
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AECB47 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 #AECB47 looks like.

```
.text, #text, p{  
    color:#AECB47  
}
```

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 #AECB47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AECB47  
}
```

Border

The CSS property to change the border of an element to Hex AECB47 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  
#AECB47 }
```

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

```
.border{ border-color:#AECB47 }
```

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

Here you see how a box with a 4 pixel #AECB47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AECB47; -webkit-box-shadow:4px 4px  
4px 4px #AECB47; box-shadow:4px 4px 4px  
4px #AECB47 }
```

Background

The CSS property to change the background color of an element to Hex AECB47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AECB47 }
```

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

```
.background{ background-color:#AECB47 }
```

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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