

Converting Colors

Hex(AFBD3E)

Have a look what the booklet for
Hex(AFBD3E) contains.

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Color

Hex(AFB~~D~~3E)

Conversions

Conversions Part 1

Format	Color
Hex	AFBD3E
RGB	175, 189, 62
RGB Percent	69%, 74%, 24%
CMY	0.3137, 0.2588, 0.7569
CMYK	0.07, 0.00, 0.67, 0.26
HSL	67°, 51%, 49%
HSV	67°, 67%, 74%
XYZ	36.7463, 45.8570, 11.4720
YIQ	170.3360, 32.4230, -42.4650

Conversions

Conversions Part 2

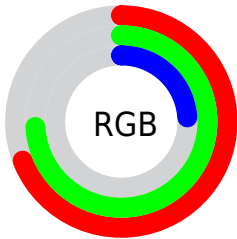
Format	Color
RYB	62, 189, 76
Decimal	11517246
CIELab	73.45, -21.33, 59.77
CIELCh	73, 63.458, 109.637
Yxy	45.8570, 0.3906, 0.4874
Android (android.graphics.Color)	4289707326 (0xFFAFBD3E)
YUV	170.3360, -53.4096, 4.0903
Hunter-Lab	67.7178, -21.6450, 37.3582

Details

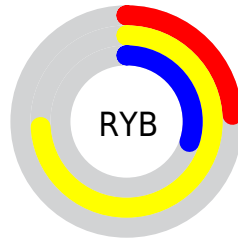
The Hex color **AFBD3E** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **4C3EBD**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **E9F574**, and **778800** is the 20% darker color. If you saturate the color by 10%, you get **ADBD2B**, and if you desaturate by 10%, it is **B1BD51**.

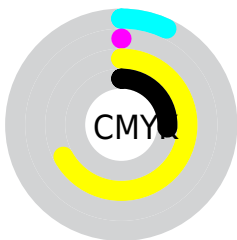
Distribution



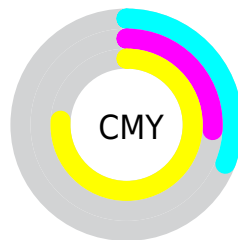
- Red (69%)
- Green (74%)
- Blue (24%)



- Red (24%)
- Yellow (74%)
- Blue (30%)



- Cyan (7%)
- Magenta (0%)
- Yellow (67%)
- Black (26%)



- Cyan (31%)
- Magenta (26%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color AFBD3E 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 AFBD3E by changing the saturation by 10% instead.

 AFBD3E

 AFBD3E

FFFFFF

 93A220

 E9F574

 778800

 FFFF90

 5C6F00

 FFFFAB

 425600

 FFFFC8

 273F00

 FFFF E5

 0D2900

 001400

 000000

 AFBD3E

 AFBD3E

 ADBD2B

 B1BD51

 ABBD18

 B3BD64

 A9BD05

 B5BD77

 A8BD00

 B7BD8A

 B9BD9C

 BCBDAF

 BEBDC2

 C0BDD5

 C2BDE8

Harmonies

Analogous

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



E5AA3B



AFBD3E



69C965

Triad

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



AFBD3E



00CCFF



FF82CB

Complementary

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



AFBD3E



4C3EBD

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.



E795FF



AFBD3E



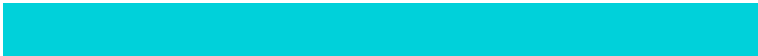
00C1FF

Square

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



AFBD3E



00D1DA



93ADFF



FF8291

Rectangle

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



AFBD3E



00CE8A



93ADFF



FF87DE

Sweetspot

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



AFBD3E



EFF5C4



BD4B3E



777A5D



FAFAFA



7A7A7A

Same Dimension

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



AFBD3E



DFF52F



71BD3E



5D5E55



8D9E00



1B1F00

Inverse Universe

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



4C3EBD



442FF5



8A3EBD



56555E



11009E



03001F

Previews

White Background



This preview shows how the Hex color AFBD3E looks on a white background.

Color Contrast Check

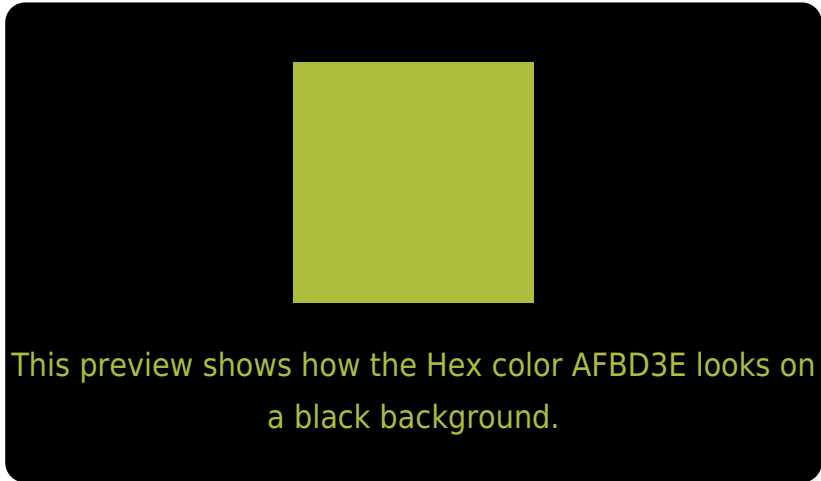
Large Text (above 18pt) WCAG AA × Fail

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 AFBD3E Background



This preview shows how black text looks on a background with the Hex color AFBD3E.

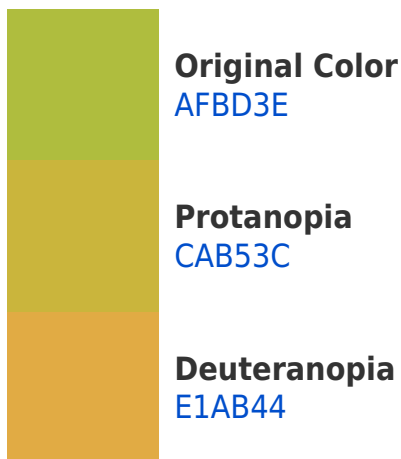


This preview shows how white text looks on a background with the Hex color AFBD3E.

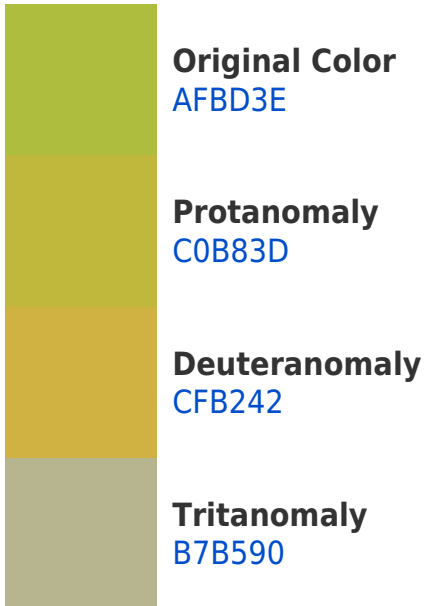
Color Blindness Simulation

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](#).

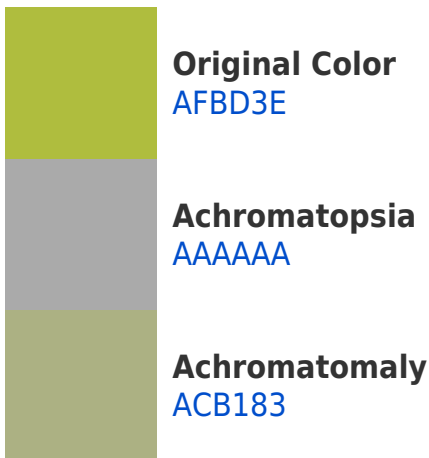
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AFBD3E 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 #AFBD3E looks like.

```
.text, #text, p{  
    color:#AFBD3E  
}
```

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 #AFBD3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFBD3E
}
```

Border

The CSS property to change the border of an element to Hex AFBD3E 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
#AFBD3E }
```

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

```
.border{ border-color:#AFBD3E }
```

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

Here you see how a box with a 4 pixel #AFBD3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFBD3E; -webkit-box-shadow:4px 4px  
4px 4px #AFBD3E; box-shadow:4px 4px 4px  
4px #AFBD3E }
```

Background

The CSS property to change the background color of an element to Hex AFBD3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFBD3E }
```

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

```
.background{ background-color:#AFBD3E }
```

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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