

Converting Colors

Hex(AEB83A)

Have a look what the booklet for
Hex(AEB83A) contains.

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Color

Hex(AEB83A)

Conversions

Conversions Part 1

Format	Color
Hex	AEB83A
RGB	174, 184, 58
RGB Percent	68%, 72%, 23%
CMY	0.3176, 0.2784, 0.7725
CMYK	0.05, 0.00, 0.68, 0.28
HSL	65°, 52%, 47%
HSV	65°, 68%, 72%
XYZ	35.3598, 43.5851, 10.5521
YIQ	166.6460, 34.4860, -41.3060

Conversions

Conversions Part 2

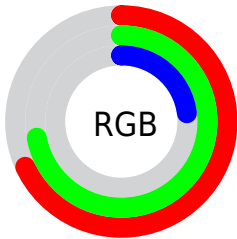
Format	Color
RYB	58, 184, 68
Decimal	11450426
CIELab	71.95, -19.49, 59.77
CIELCh	72, 62.870, 108.060
Yxy	43.5851, 0.3951, 0.4870
Android (android.graphics.Color)	4289640506 (0xFFFAEB83A)
YUV	166.6460, -53.5625, 6.4495
Hunter-Lab	66.0190, -19.9288, 36.7368

Details

The Hex color **AEB83A** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **443AB8**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **E8F070**, and **768300** is the 20% darker color. If you saturate the color by 10%, you get **ADB828**, and if you desaturate by 10%, it is **AFB84C**.

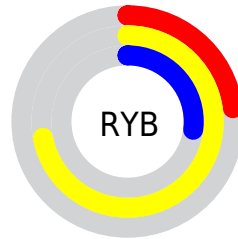
Distribution



Red (68%)

Green (72%)

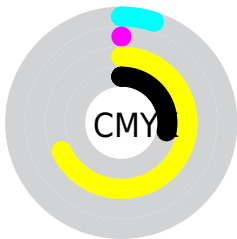
Blue (23%)



Red (23%)

Yellow (72%)

Blue (27%)

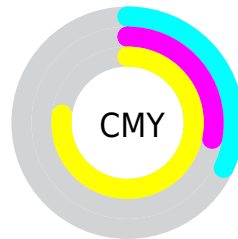


Cyan (5%)

Magenta (0%)

Yellow (68%)

Black (28%)



Cyan (32%)

Magenta (28%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color AEB83A 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 AEB83A by changing the saturation by 10% instead.

 AEB83A

 AEB83A

FFFFFF

 929D1C

 E8F070

 768300

 FFFF8C

 5B6A00

 FFFFA7

 415200

 FFFF8C

 273B00

 FFFF8C

 0C2500

FFFFFFE

 000D00

 000000

 AEB83A

 AEB83A

 ADB828

 AFB84C

 ABB815

 B1B85F

 AAB803

 B2B871

 A9B800

 B4B884

 B5B896

 B7B8A8

 B8B8BB

 BAB8CD

 BBB8E0

Harmonies

Analogous

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



E3A53A



AEB83A



6AC460

Triad

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



AEB83A



00C8FF



FF7FCA

Complementary

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



AEB83A



443AB8

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.



DF92FE



AEB83A



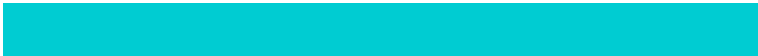
00BDFE

Square

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



AEB83A



00CCD2



89AAFF



FF7E90

Rectangle

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



AEB83A



02C983



89AAFF



FF84DC

Sweetspot

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



AEB83A



ECF0BD



B8423A



75785A



F7F7F7



787878

Same Dimension

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



AEB83A



E0F02B



71B83A



5B5C53



8F9C00



1A1C00

Inverse Universe

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



443AB8



3B2BF0



813AB8



53535C



0C009C



02001C

Previews

White Background



This preview shows how the Hex color AEB83A looks on a white background.

Color Contrast Check

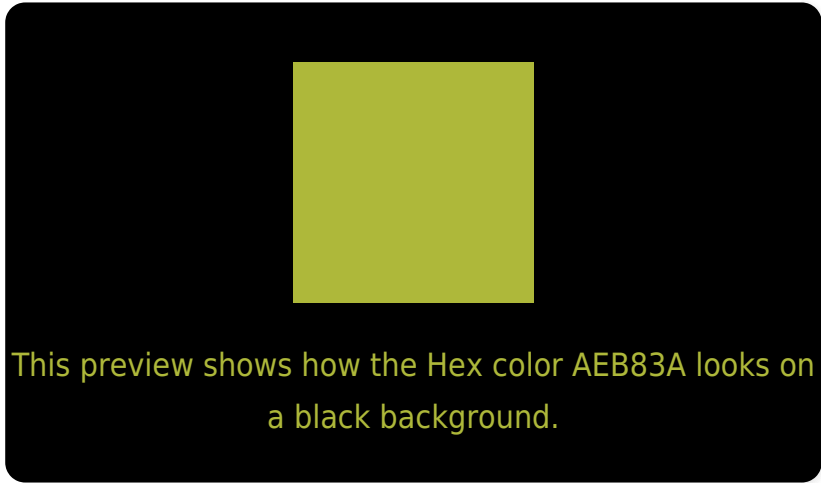
Large Text (above 18pt) WCAG AA × Fail

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 AEB83A Background



This preview shows how black text looks on a background with the Hex color AEB83A.

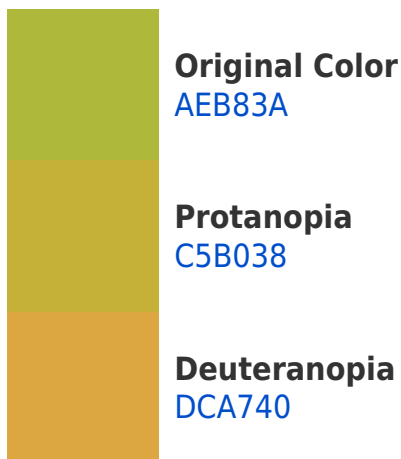


This preview shows how white text looks on a background with the Hex color AEB83A.

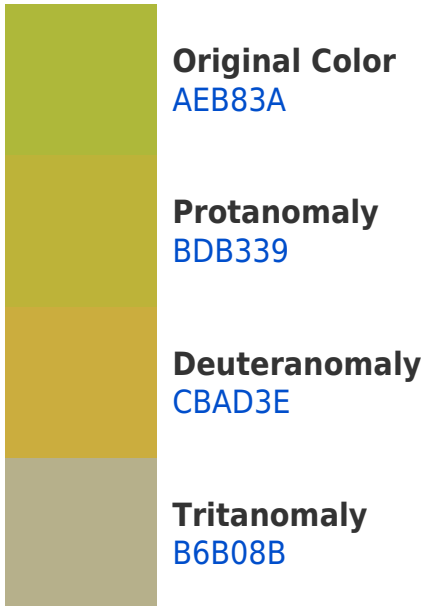
Color Blindness Simulation

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](#).

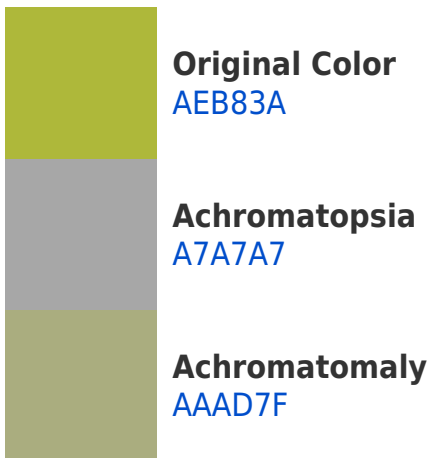
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AEB83A 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 #AEB83A looks like.

```
.text, #text, p{  
    color:#AEB83A  
}
```

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 #AEB83A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEB83A
}
```

Border

The CSS property to change the border of an element to Hex AEB83A 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
#AEB83A }
```

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

```
.border{ border-color:#AEB83A }
```

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

Here you see how a box with a 4 pixel #AEB83A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEB83A; -webkit-box-shadow:4px 4px  
4px 4px #AEB83A; box-shadow:4px 4px 4px  
4px #AEB83A }
```

Background

The CSS property to change the background color of an element to Hex AEB83A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEB83A }
```

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

```
.background{ background-color:#AEB83A }
```

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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