

Converting Colors

Hex(AEB438)

Have a look what the booklet for
Hex(AEB438) contains.

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Color

Hex(AEB438)

Conversions

Conversions Part 1

Format	Color
Hex	AEB438
RGB	174, 180, 56
RGB Percent	68%, 71%, 22%
CMY	0.3176, 0.2941, 0.7804
CMYK	0.03, 0.00, 0.69, 0.29
HSL	63°, 53%, 46%
HSV	63°, 69%, 71%
XYZ	34.4906, 41.9267, 10.0162
YIQ	164.0700, 36.2280, -39.8360

Conversions

Conversions Part 2

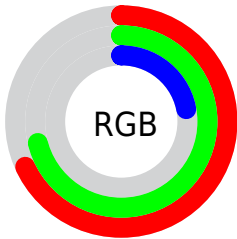
Format	Color
RYB	56, 180, 62
Decimal	11449400
CIELab	70.82, -17.59, 59.41
CIELCh	71, 61.956, 106.494
Yxy	41.9267, 0.3990, 0.4851
Android (android.graphics.Color)	4289639480 (0xFFAEB438)
YUV	164.0700, -53.2785, 8.7086
Hunter-Lab	64.7508, -18.2329, 36.1541

Details

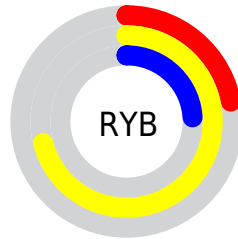
The Hex color **AEB438** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **3E38B4**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **E8EC6E**, and **767F00** is the 20% darker color. If you saturate the color by 10%, you get **ADB426**, and if you desaturate by 10%, it is **AFB44A**.

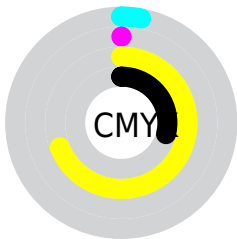
Distribution



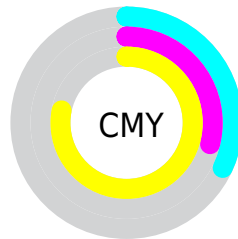
- Red (68%)
- Green (71%)
- Blue (22%)



- Red (22%)
- Yellow (71%)
- Blue (24%)



- Cyan (3%)
- Magenta (0%)
- Yellow (69%)
- Black (29%)



- Cyan (32%)
- Magenta (29%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color AEB438 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 AEB438 by changing the saturation by 10% instead.



AEB438



AEB438

FFFFFF



929919



E8EC6E



767F00



FFF88A



5B6600



FFFA5



414F00



FFFC1



273800



FFFDE



0D2200



FFFFB



000600



000000



AEB438



AEB438

 ADB426

 AFB44A

 ACB414

 B0B45C

 ABB402

 B1B46E

 ABB400

 B1B480

 B2B492

 B3B4A4

 B4B4B6

 B5B4C8

 B6B4DA

Harmonies

Analogous

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



E1A13A



AEB438



6DC15C

Triad

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



AEB438



00C5FE



FF7EC9

Complementary

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



AEB438



3E38B4

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.



D891FC



AEB438



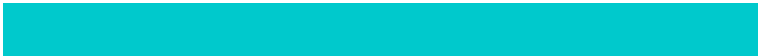
00BBFF

Square

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



AEB438



00C9CC



80A9FF



FF7B90

Rectangle

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



AEB438



1BC67E



80A9FF



FB83DB

Sweetspot

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



AEB438



E8EBB9



B43C38



747558



F5F5F5



757575

Same Dimension

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



AEB438



E1EB28



72B438



595950



929900



181A00

Inverse Universe

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



3E38B4



3128EB



7A38B4



515059



070099



01001A

Previews

White Background



This preview shows how the Hex color AEB438 looks on a white background.

Color Contrast Check

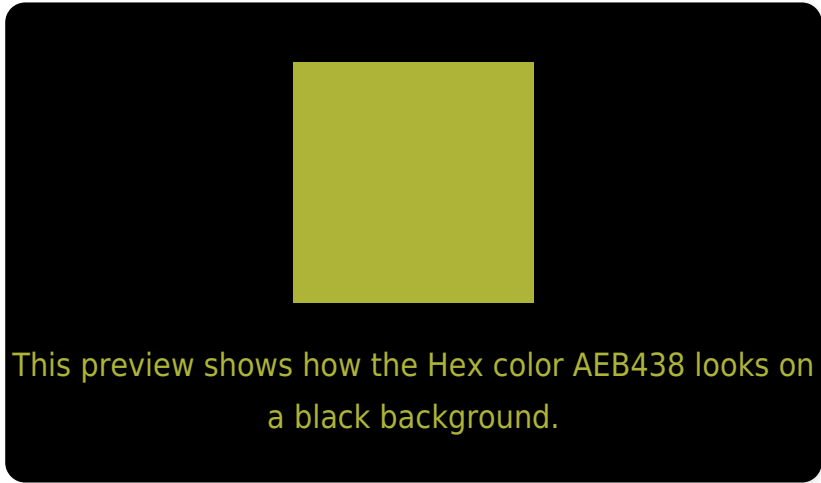
Large Text (above 18pt) WCAG AA × Fail

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 AEB438 Background



This preview shows how black text looks on a background with the Hex color AEB438.

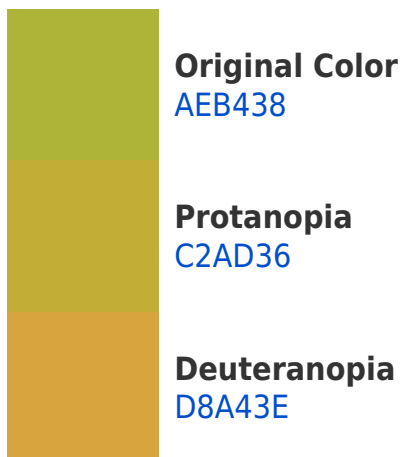


This preview shows how white text looks on a background with the Hex color AEB438.

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](#).

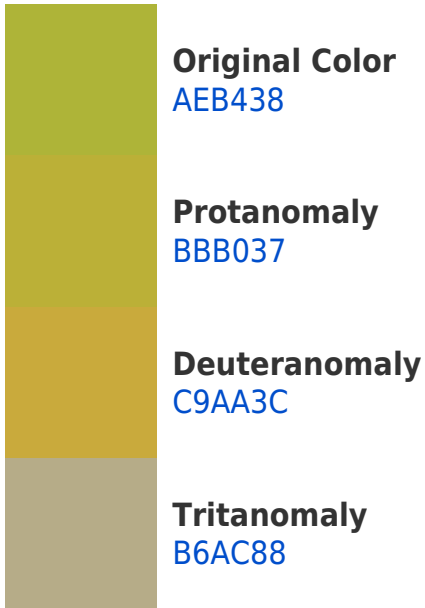
Dichromacy



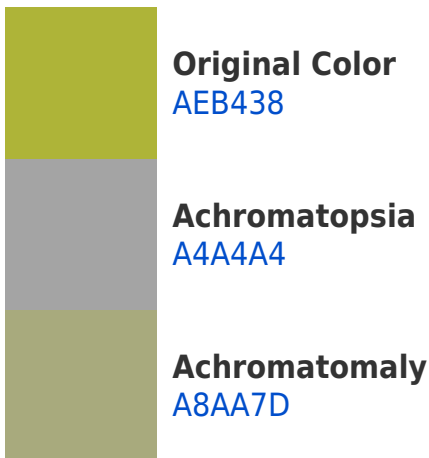


Tritanopia
BAA8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AEB438 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 #AEB438 looks like.

```
.text, #text, p{  
    color:#AEB438  
}
```

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 #AEB438 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEB438
}
```

Border

The CSS property to change the border of an element to Hex AEB438 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
#AEB438 }
```

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

```
.border{ border-color:#AEB438 }
```

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

Here you see how a box with a 4 pixel #AEB438 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEB438; -webkit-box-shadow:4px 4px  
4px 4px #AEB438; box-shadow:4px 4px 4px  
4px #AEB438 }
```

Background

The CSS property to change the background color of an element to Hex AEB438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEB438 }
```

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

```
.background{ background-color:#AEB438 }
```

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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