

# Converting Colors

Hex(AEB058)

Have a look what the booklet for  
Hex(AEB058) contains.

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**Color**

**Hex(AEB058)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AEB058
RGB	174, 176, 88
RGB Percent	68%, 69%, 35%
CMY	0.3176, 0.3098, 0.6549
CMYK	0.01, 0.00, 0.50, 0.31
HSL	61°, 36%, 52%
HSV	61°, 50%, 69%
XYZ	34.7423, 40.7539, 15.2677
YIQ	165.3700, 27.0560, -27.7920

# Conversions

## Conversions Part 2

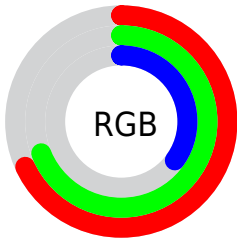
Format	Color
<a href="#">RYB</a>	<a href="#">88, 176, 90</a>
Decimal	<a href="#">11448408</a>
CIELab	<a href="#">70.00, -13.20, 44.38</a>
CIELCh	<a href="#">70, 46.299, 106.568</a>
Yxy	<a href="#">40.7539, 0.3828, 0.4490</a>
Android (android.graphics.Color)	<a href="#">4289638488 (0xFFAEB058)</a>
YUV	<a href="#">165.3700, -38.1434, 7.5685</a>
Hunter-Lab	<a href="#">63.8388, -14.5746, 30.5074</a>

# Details

The Hex color **AEB058** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5A58B0**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **E7E78C**, and **777C26** is the 20% darker color. If you saturate the color by 10%, you get **AEB046**, and if you desaturate by 10%, it is **AEB06A**.

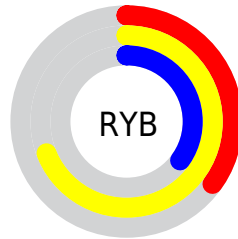
# Distribution



Red (68%)

Green (69%)

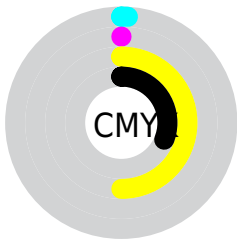
Blue (35%)



Red (35%)

Yellow (69%)

Blue (35%)

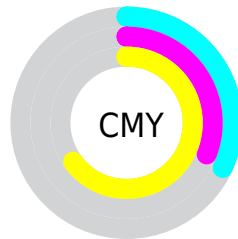


Cyan (1%)

Magenta (0%)

Yellow (50%)

Black (31%)



Cyan (32%)

Magenta (31%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AEB058 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 AEB058 by changing the saturation by 10% instead.





AEB058



AEB058

FFFFFF



92953F



E7E78C



777C26



FFFFA7



5D6308



FFFFC3



444B00



FFFFDF



2B3500



FFFFFC



131F00



000000



AEB058



AEB058



AEB046



AEB06A

 ADB035

 AFB07B

 ADB023

 AFB08D

 ACB012

 B0B09E

 ACB000

 B0B0B0

 B0B0C2

 B1B0D3

 B1B0E5

 B2B0F6

# Harmonies

## Analogous

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



D5A258



AEB058



7EBA6F

# Triad

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



AEB058



00BDE7



F08BC0

# Complementary

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



AEB058



5A58B0

# 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.



CC97E5



AEB058



32B5FC

# Square

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



AEB058



00C1C2



91A7FC



FB8995

# Rectangle

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



AEB058



57BE88



91A7FC



E78ECD



# Sweetspot

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



AEB058



E5E6C3



B05958



72735E



F2F2F2



737373



# Same Dimension

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



AEB058



E2E65C



83B058



595950



969900



191A00



# Inverse Universe

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



5A58B0



5F5CE6



8558B0



515059



030099



01001A



# Previews

## White Background



This preview shows how the Hex color AEB058 looks on a white background.

## Color Contrast Check

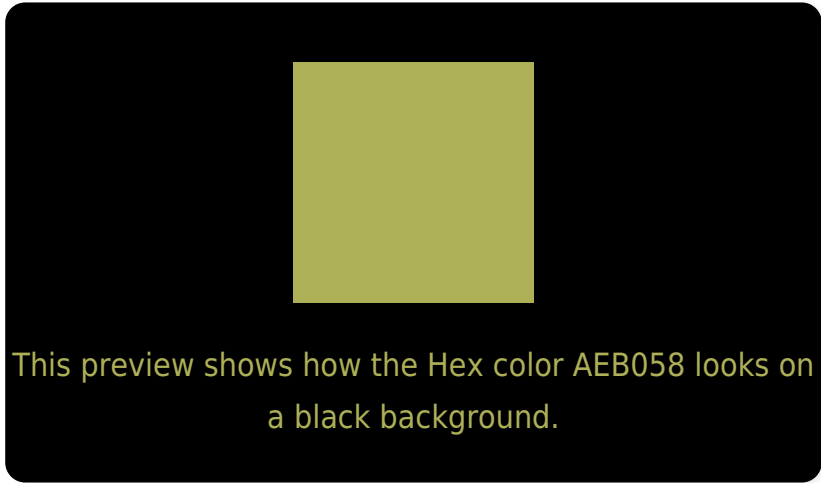
Large Text (above 18pt) WCAG AA × Fail

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

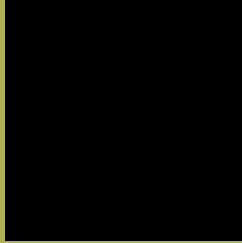
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AEB058 Background



This preview shows how black text looks on a background with the Hex color AEB058.

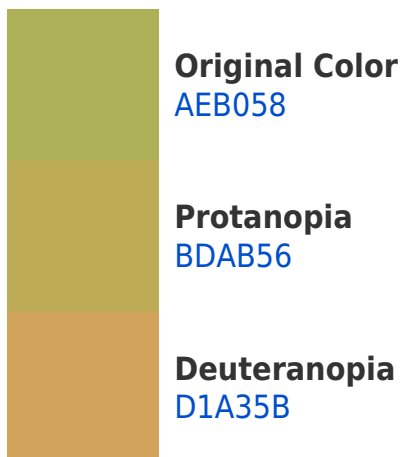


This preview shows how white text looks on a background with the Hex color AEB058.

# 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](#).

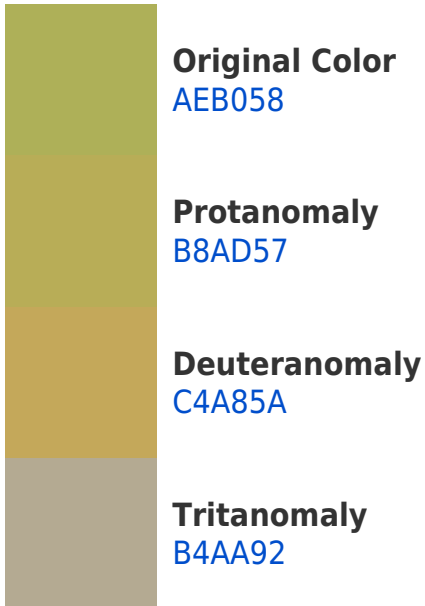
## Dichromacy



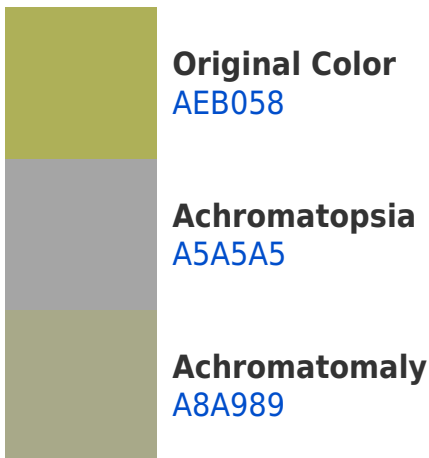


**Tritanopia**  
B8A6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AEB058 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 #AEB058 looks like.

```
.text, #text, p{  
    color:#AEB058  
}
```

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 #AEB058 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEB058
}
```

## Border

The CSS property to change the border of an element to Hex AEB058 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
#AEB058 }
```

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

```
.border{ border-color:#AEB058 }
```

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

Here you see how a box with a 4 pixel #AEB058 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEB058; -webkit-box-shadow:4px 4px  
4px 4px #AEB058; box-shadow:4px 4px 4px  
4px #AEB058 }
```

# Background

The CSS property to change the background color of an element to Hex AEB058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEB058 }
```

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

```
.background{ background-color:#AEB058 }
```

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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