

Converting Colors

Hex(AEB131)

Have a look what the booklet for
Hex(AEB131) contains.

Hex(AEB131)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(AEB131)

Conversions

Conversions Part 1

Format	Color
Hex	AEB131
RGB	174, 177, 49
RGB Percent	68%, 69%, 19%
CMY	0.3176, 0.3059, 0.8078
CMYK	0.02, 0.00, 0.72, 0.31
HSL	61°, 57%, 44%
HSV	61°, 72%, 69%
XYZ	33.7321, 40.6647, 8.9769
YIQ	161.5110, 39.3000, -40.4440

Conversions

Conversions Part 2

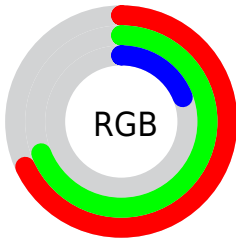
Format	Color
RYB	49, 177, 52
Decimal	11448625
CIELab	69.94, -16.43, 61.13
CIELCh	70, 63.296, 105.046
Yxy	40.6647, 0.4046, 0.4877
Android (android.graphics.Color)	4289638705 (0xFFAEB131)
YUV	161.5110, -55.4679, 10.9529
Hunter-Lab	63.7689, -17.1737, 36.2918

Details

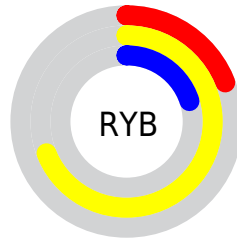
The Hex color **AEB131** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **3431B1**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **E8E868**, and **767D00** is the 20% darker color. If you saturate the color by 10%, you get **AEB11F**, and if you desaturate by 10%, it is **AEB143**.

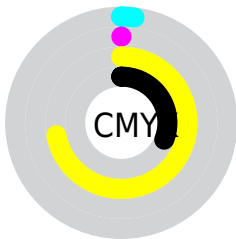
Distribution



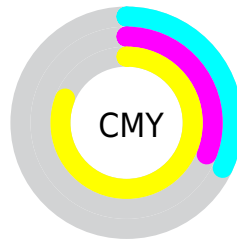
- Red (68%)
- Green (69%)
- Blue (19%)



- Red (19%)
- Yellow (69%)
- Blue (20%)



- Cyan (2%)
- Magenta (0%)
- Yellow (72%)
- Black (31%)



- Cyan (32%)
- Magenta (31%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color AEB131 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 AEB131 by changing the saturation by 10% instead.

 AEB131

 AEB131

FFFFFF

 92960E

 E8E868

 767D00

 FFFF83

 5B6400

 FFFF9F

 404C00

 FFFFBB

 263500

 FFFFD8

 0C2000

 FFFFF5

 000000

 AEB131

 AEB131

 AEB11F

 AEB143

■ ADB10E

■ AFB154

■ ADB100

■ AFB166

■ B0B178

■ B0B18A

■ B0B19B

■ B1B1AD

■ B1B1BF

■ B2B1D0

Harmonies

Analogous

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



E19E36



AEB131



6CBE55

Triad

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



AEB131



00C3FB



FF7ACA

Complementary

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



AEB131



3431B1

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.



D38FFD



AEB131



00B9FF

Square

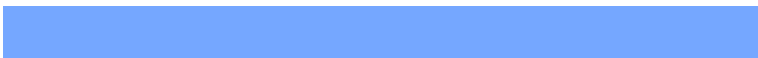
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



AEB131



00C7C7



75A7FF



FF7790

Rectangle

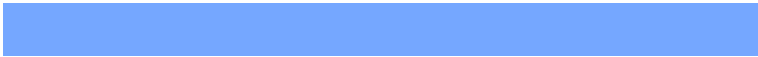
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



AEB131



18C378



75A7FF



F880DD

Sweetspot

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



AEB131



E4E6B3



B13331



727355



F2F2F2



737373

Same Dimension

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



AEB131



E1E61E



6FB131



595950



959900



191A00

Inverse Universe

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



3431B1



231EE6



7331B1



515059



040099



01001A

Previews

White Background



This preview shows how the Hex color AEB131 looks on a white background.

Color Contrast Check

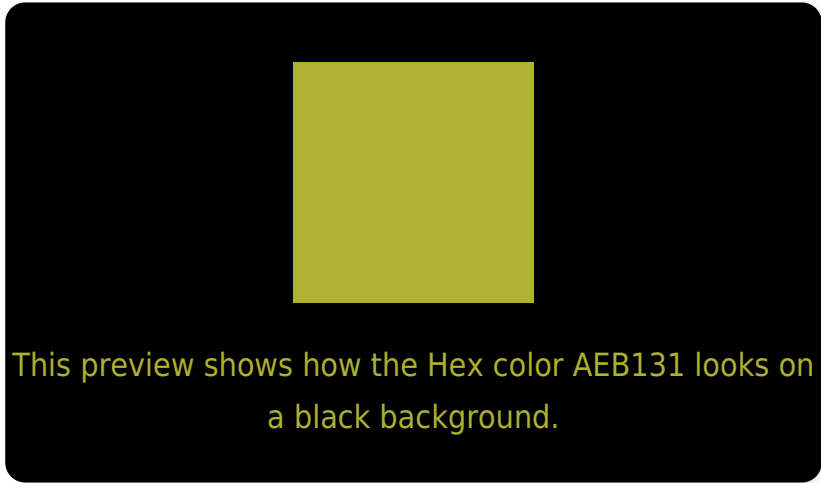
Large Text (above 18pt) WCAG AA × Fail

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 AEB131 Background



This preview shows how black text looks on a background with the Hex color AEB131.



This preview shows how white text looks on a background with the Hex color AEB131.

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



Original Color
AEB131

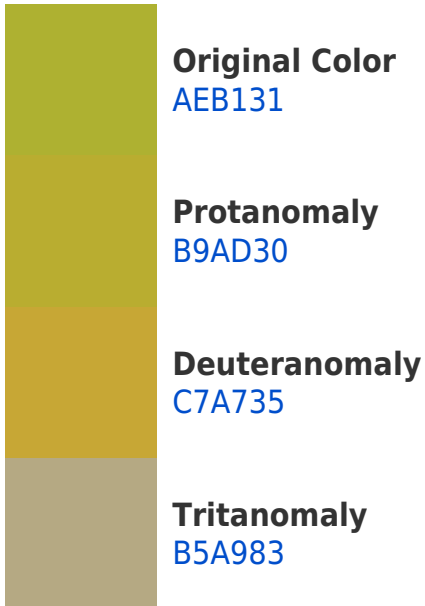
Protanopia
C0AB2F

Deuteranopia
D6A237



Tritanopia
B9A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AEB131 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 #AEB131 looks like.

```
.text, #text, p{  
    color:#AEB131  
}
```

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 #AEB131 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEB131
}
```

Border

The CSS property to change the border of an element to Hex AEB131 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
#AEB131 }
```

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

```
.border{ border-color:#AEB131 }
```

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

Here you see how a box with a 4 pixel #AEB131 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEB131; -webkit-box-shadow:4px 4px  
4px 4px #AEB131; box-shadow:4px 4px 4px  
4px #AEB131 }
```

Background

The CSS property to change the background color of an element to Hex AEB131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEB131 }
```

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

```
.background{ background-color:#AEB131 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor