

Converting Colors

Hex(AEB244)

Have a look what the booklet for
Hex(AEB244) contains.

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Color

Hex(AEB244)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | AEB244 |
| RGB | 174, 178, 68 |
| RGB Percent | 68%, 70%, 27% |
| CMY | 0.3176, 0.3020, 0.7333 |
| CMYK | 0.02, 0.00, 0.62, 0.30 |
| HSL | 62°, 45%, 48% |
| HSV | 62°, 62%, 70% |
| XYZ | 34.4193, 41.2568, 11.6181 |
| YIQ | 164.2640, 32.9260, -35.0580 |

Conversions

Conversions Part 2

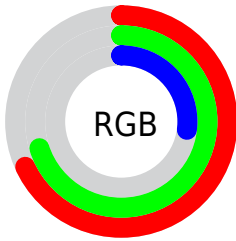
| Format | Color |
|-------------------------------------|--|
| RYB | 68, 178, 72 |
| Decimal | 11448900 |
| CIELab | 70.36, -15.83, 54.03 |
| CIELCh | 70, 56.300, 106.333 |
| Yxy | 41.2568, 0.3943, 0.4726 |
| Android (android.graphics.Color) | 4289638980 (0xFFAEB244) |
| YUV | 164.2640, -47.4582, 8.5385 |
| Hunter-Lab | 64.2315, -16.7533, 34.2377 |

Details

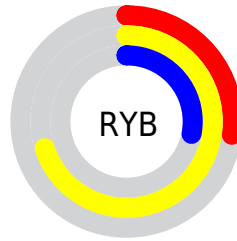
The Hex color **AEB244** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4844B2**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **E8EA79**, and **777E06** is the 20% darker color. If you saturate the color by 10%, you get **ADB232**, and if you desaturate by 10%, it is **AFB256**.

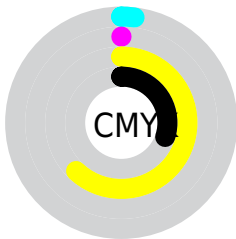
Distribution



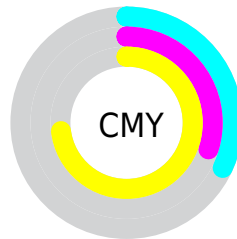
- Red (68%)
- Green (70%)
- Blue (27%)



- Red (27%)
- Yellow (70%)
- Blue (28%)



- Cyan (2%)
- Magenta (0%)
- Yellow (62%)
- Black (30%)



- Cyan (32%)
- Magenta (30%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color AEB244 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 AEB244 by changing the saturation by 10% instead.



AEB244



AEB244

FFFFFF



929729



E8EA79



777E06



FFFF94



5C6500



FFFF80



434D00



FFFFCC



283600



FFFFEE



0F2100



000200



000000



AEB244



AEB244

 ADB232

 AFB256

 ADB220

 AFB268

 ACB20F

 B0B279

 ACB200

 B1B28B

 B1B29D

 B2B2AF

 B3B2C1

 B3B2D2

 B4B2E4

Harmonies

Analogous

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



DDA145



AEB244



74BE62

Triad

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



AEB244



00C2F5



FE82C6

Complementary

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



AEB244



4844B2

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.



D393F3



AEB244



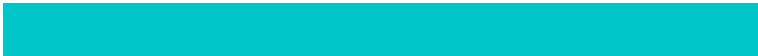
00B8FF

Square

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



AEB244



00C6C7



86A8FF



FF8092

Rectangle

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



AEB244



39C281



86A8FF



F387D6

Sweetspot

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



AEB244



E6E8BC



B24844



74755A



F5F5F5



757575

Same Dimension

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



AEB244



E2E83C



77B244



595950



939900



191A00

Inverse Universe

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



4844B2



433CE8



7F44B2



515059



060099



01001A

Previews

White Background



This preview shows how the Hex color AEB244 looks on a white background.

Color Contrast Check

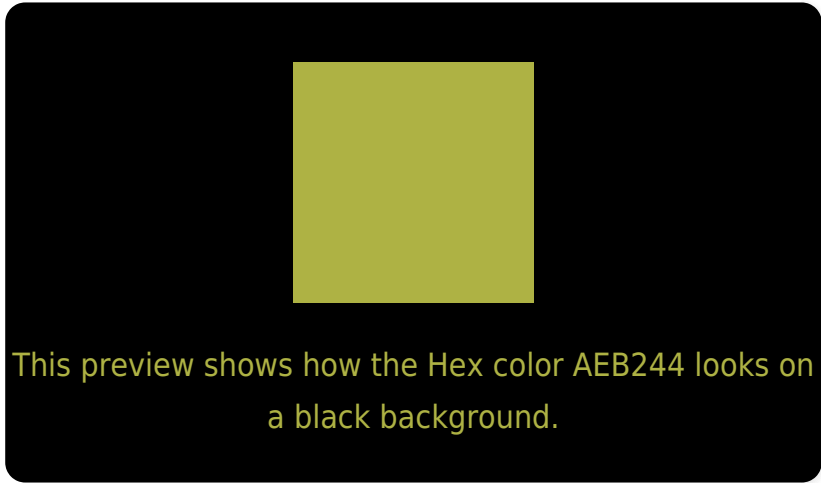
Large Text (above 18pt) WCAG AA × Fail

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 AEB244 Background



This preview shows how black text looks on a background with the Hex color AEB244.



This preview shows how white text looks on a background with the Hex color AEB244.

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
AEB244

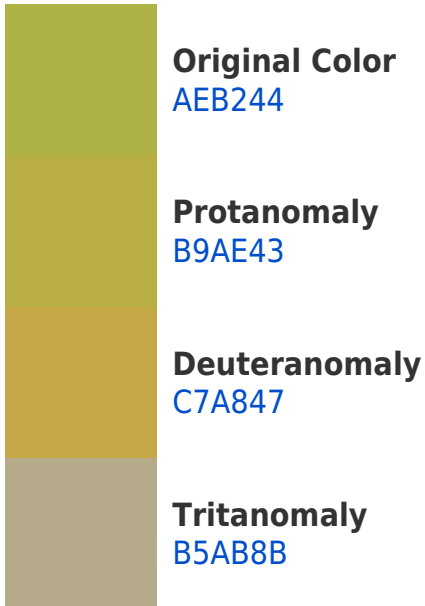
Protanopia
C0AC42

Deuteranopia
D5A348



Tritanopia
B9A7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AEB244 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 #AEB244 looks like.

```
.text, #text, p{  
    color:#AEB244  
}
```

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 #AEB244 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEB244
}
```

Border

The CSS property to change the border of an element to Hex AEB244 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
#AEB244 }
```

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

```
.border{ border-color:#AEB244 }
```

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

Here you see how a box with a 4 pixel #AEB244 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEB244; -webkit-box-shadow:4px 4px  
4px 4px #AEB244; box-shadow:4px 4px 4px  
4px #AEB244 }
```

Background

The CSS property to change the background color of an element to Hex AEB244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEB244 }
```

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

```
.background{ background-color:#AEB244 }
```

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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