

Converting Colors

Hex(AEB966)

Have a look what the booklet for
Hex(AEB966) contains.

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Color

Hex(AEB966)

Conversions

Conversions Part 1

Format	Color
Hex	AEB966
RGB	174, 185, 102
RGB Percent	68%, 73%, 40%
CMY	0.3176, 0.2745, 0.6000
CMYK	0.06, 0.00, 0.45, 0.27
HSL	68°, 37%, 56%
HSV	68°, 45%, 73%
XYZ	37.2028, 44.6559, 19.2290
YIQ	172.2490, 20.0870, -28.1450

Conversions

Conversions Part 2

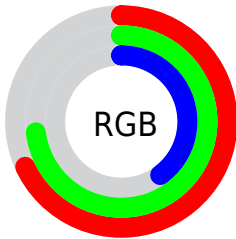
Format	Color
RYB	102, 185, 113
Decimal	11450726
CIELab	72.66, -16.43, 40.66
CIELCh	73, 43.854, 111.999
Yxy	44.6559, 0.3680, 0.4418
Android (android.graphics.Color)	4289640806 (0xFFAEB966)
YUV	172.2490, -34.6328, 1.5356
Hunter-Lab	66.8251, -17.5695, 29.7168

Details

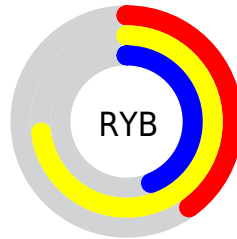
The Hex color **AEB966** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7166B9**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **E7F19B**, and **788434** is the 20% darker color. If you saturate the color by 10%, you get **ACB954**, and if you desaturate by 10%, it is **B0B979**.

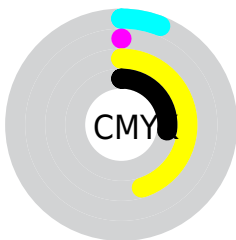
Distribution



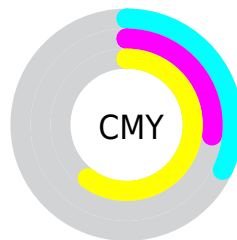
- Red (68%)
- Green (73%)
- Blue (40%)



- Red (40%)
- Yellow (73%)
- Blue (44%)



- Cyan (6%)
- Magenta (0%)
- Yellow (45%)
- Black (27%)



- Cyan (32%)
- Magenta (27%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color AEB966 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 AEB966 by changing the saturation by 10% instead.

 AEB966

 AEB966

FFFFFF

 939E4D

 E7F19B

 788434

 FFFFB6

 5E6B1B

 FFFFDD

 455300

 FFFFEE

 2D3C00

 142600

 001100

 000000

 AEB966

 AEB966

 ACB954

 B0B979

 A9B941

 B3B98B

 A7B92F

 B5B99D

 A4B91C

 B8B9B0

 A2B909

 BAB9C3

 A0B900

 BDB9D5

 BFB9E8

 C2B9FA

 C4B9FF

Harmonies

Analogous

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



D5AC62



AEB966



7FC27F

Triad

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



AEB966



00C3F0



F893BF

Complementary

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



AEB966



7166B9

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.



DA9DE4



AEB966



5EBAFF

Square

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



AEB966



00C7CF



A6ACFD



FF9496

Rectangle

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



AEB966



5AC698



A6ACFD



F195CC

Sweetspot

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



AEB966



ECF0D1



B97066



757865



F7F7F7



787878

Same Dimension

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



AEB966



DFF06E



86B966



5B5C53



879C00



181C00

Inverse Universe

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



7166B9



7F6EF0



9966B9



54535C



15009C



04001C

Previews

White Background



This preview shows how the Hex color AEB966 looks on a white background.

Color Contrast Check

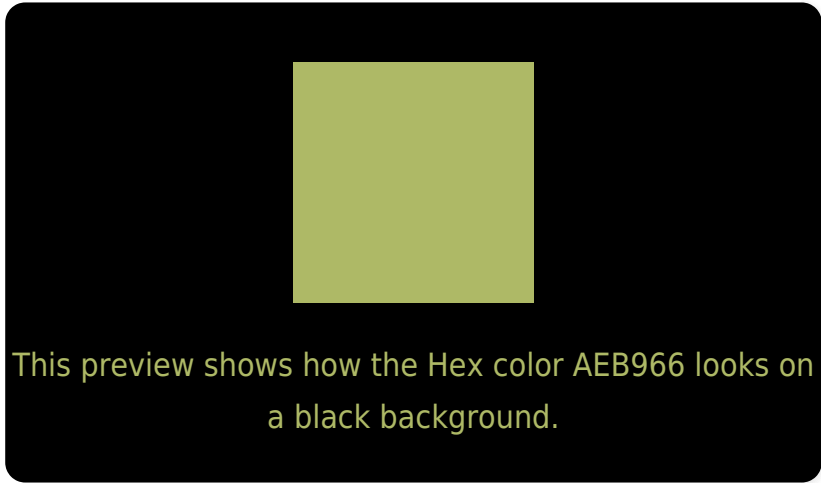
Large Text (above 18pt) WCAG AA × Fail

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

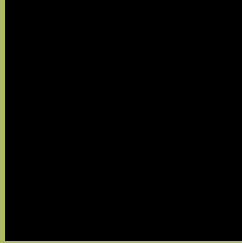
Any Text WCAG AA ✓ Pass

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 AEB966 Background



This preview shows how black text looks on a background with the Hex color AEB966.

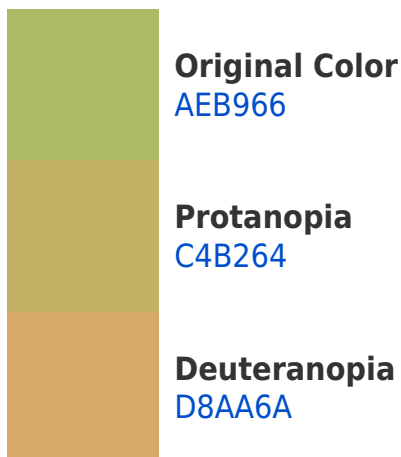


This preview shows how white text looks on a background with the Hex color AEB966.

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](#).

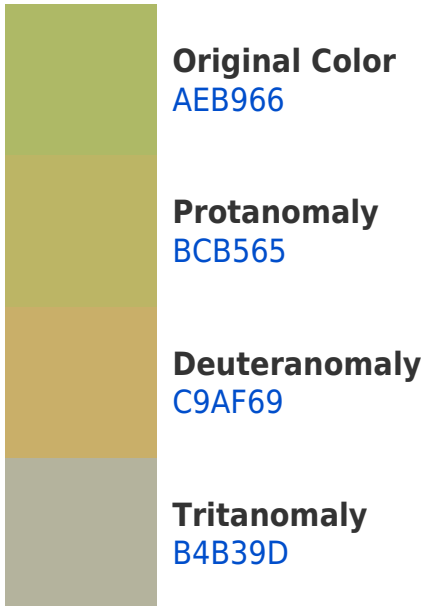
Dichromacy



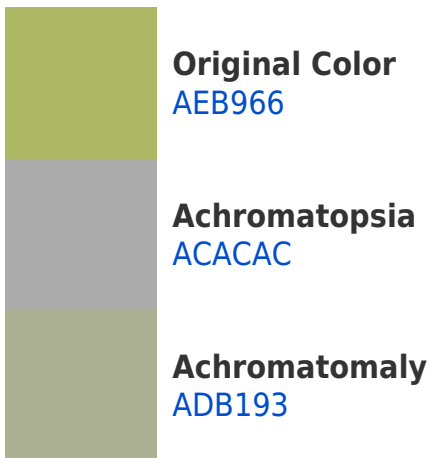


Tritanopia
B8AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AEB966 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 #AEB966 looks like.

```
.text, #text, p{  
    color:#AEB966  
}
```

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 #AEB966 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEB966
}
```

Border

The CSS property to change the border of an element to Hex AEB966 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
#AEB966 }
```

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

```
.border{ border-color:#AEB966 }
```

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

Here you see how a box with a 4 pixel #AEB966 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEB966; -webkit-box-shadow:4px 4px  
4px 4px #AEB966; box-shadow:4px 4px 4px  
4px #AEB966 }
```

Background

The CSS property to change the background color of an element to Hex AEB966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEB966 }
```

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

```
.background{ background-color:#AEB966 }
```

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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