

# Converting Colors

Hex(AEB565)

Have a look what the booklet for  
Hex(AEB565) contains.

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**Color**

**Hex(AEB565)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AEB565
RGB	174, 181, 101
RGB Percent	68%, 71%, 40%
CMY	0.3176, 0.2902, 0.6039
CMYK	0.04, 0.00, 0.44, 0.29
HSL	65°, 35%, 55%
HSV	65°, 44%, 71%
XYZ	36.3284, 42.9860, 18.6943
YIQ	169.7870, 21.5080, -26.3640

# Conversions

## Conversions Part 2

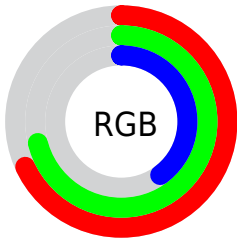
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">101, 181, 108</a>
Decimal	<a href="#">11449701</a>
<a href="#">CIELab</a>	<a href="#">71.55, -14.49, 39.78</a>
<a href="#">CIELCh</a>	<a href="#">72, 42.338, 110.015</a>
<a href="#">Yxy</a>	<a href="#">42.9860, 0.3707, 0.4386</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4289639781 (0xFFAEB565)</a>
<a href="#">YUV</a>	<a href="#">169.7870, -33.9120, 3.6948</a>
<a href="#">Hunter-Lab</a>	<a href="#">65.5637, -15.8309, 28.9891</a>

# Details

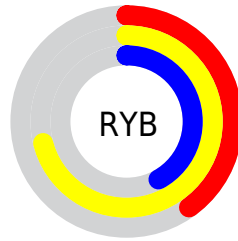
The Hex color **AEB565** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6C65B5**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **E7ED99**, and **788033** is the 20% darker color. If you saturate the color by 10%, you get **ACB553**, and if you desaturate by 10%, it is **B0B577**.

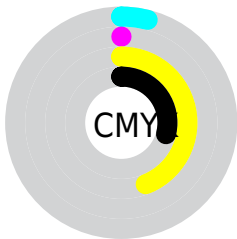
# Distribution



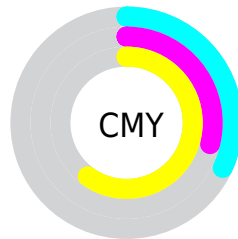
- Red (68%)
- Green (71%)
- Blue (40%)



- Red (40%)
- Yellow (71%)
- Blue (42%)



- Cyan (4%)
- Magenta (0%)
- Yellow (44%)
- Black (29%)



- Cyan (32%)
- Magenta (29%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AEB565 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 AEB565 by changing the saturation by 10% instead.



 AEB565

 AEB565

FFFFFF

 939A4C

 E7ED99

 788033

 FFFFB5

 5E671B

 FFFFDD

 454F00

 FFFFED

 2D3800

 152300

 000B00

 000000

 AEB565

 AEB565

 ACB553

 B0B577

 ABB541

 B1B589

 A9B52F

 B3B59B

 A8B51D

 B4B5AD

 A6B50B

 B6B5C0

 A5B500

 B8B5D2

 B9B5E4

 BBB5F6

 BCB5FF

# Harmonies

## Analogous

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



D3A963



AEB565



82BE7C

# Triad

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



AEB565



00C0E9



F192BE

# Complementary

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



AEB565



6C65B5

# 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.



D39CE1



AEB565



5AB7FB

# Square

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



AEB565



00C3C8



A0AAF8



FA9297

# Rectangle

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



AEB565



5FC294



A0AAF8



EA94CB



# Sweetspot

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



AEB565



E8EBCC



B56C65



747563



F5F5F5



757575



# Same Dimension

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



AEB565



E0EB6E



86B565



585950



8C9900



171A00



# Inverse Universe

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



6C65B5



796EEB



9465B5



515059



0D0099



02001A



# Previews

## White Background



This preview shows how the Hex color AEB565 looks on a white background.

## Color Contrast Check

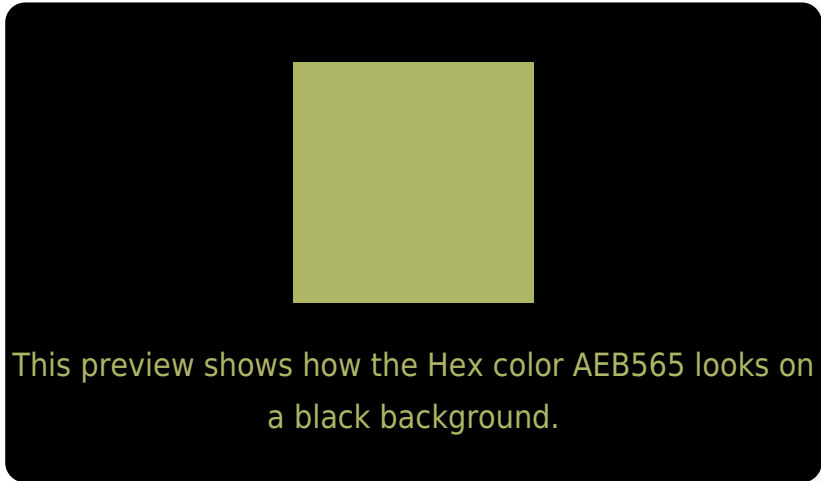
Large Text (above 18pt) WCAG AA × Fail

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

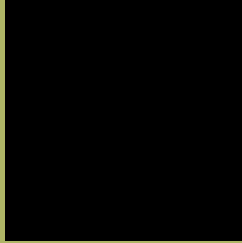
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AEB565 Background



This preview shows how black text looks on a background with the Hex color AEB565.

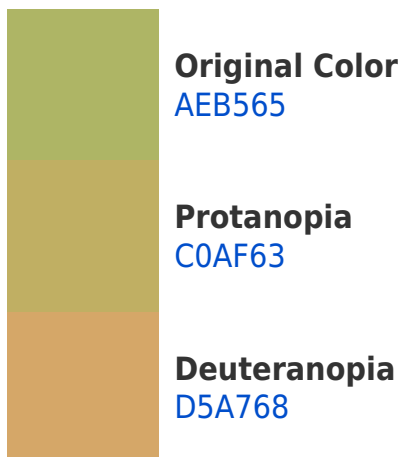


This preview shows how white text looks on a background with the Hex color AEB565.

# 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](#).

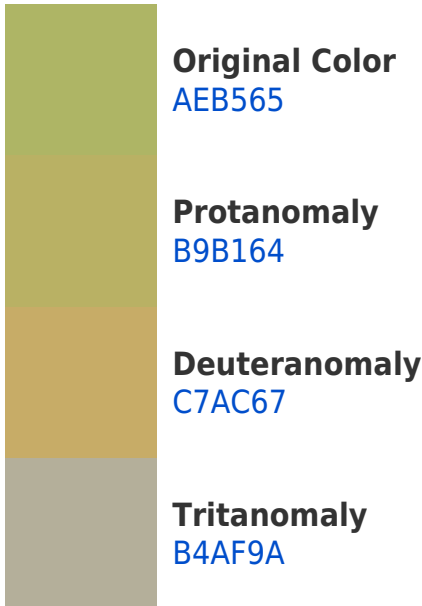
## Dichromacy





**Tritanopia**  
B8ABB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AEB565 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 #AEB565 looks like.

```
.text, #text, p{  
    color:#AEB565  
}
```

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 #AEB565 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEB565
}
```

## Border

The CSS property to change the border of an element to Hex AEB565 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
#AEB565 }
```

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

```
.border{ border-color:#AEB565 }
```

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

Here you see how a box with a 4 pixel #AEB565 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEB565; -webkit-box-shadow:4px 4px  
4px 4px #AEB565; box-shadow:4px 4px 4px  
4px #AEB565 }
```

# Background

The CSS property to change the background color of an element to Hex AEB565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEB565 }
```

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

```
.background{ background-color:#AEB565 }
```

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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