

# Converting Colors

Hex(AEB064)

Have a look what the booklet for  
Hex(AEB064) contains.

<b>Hex(AEB064)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(AEB064)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AEB064
RGB	174, 176, 100
RGB Percent	68%, 69%, 39%
CMY	0.3176, 0.3098, 0.6078
CMYK	0.01, 0.00, 0.43, 0.31
HSL	62°, 32%, 54%
HSV	62°, 43%, 69%
XYZ	35.2811, 40.9694, 18.1050
YIQ	166.7380, 23.2040, -24.0600

# Conversions

## Conversions Part 2

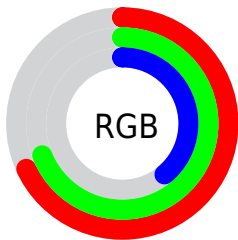
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">100, 176, 102</a>
Decimal	<a href="#">11448420</a>
<a href="#">CIELab</a>	<a href="#">70.15, -12.02, 38.56</a>
<a href="#">CIElCh</a>	<a href="#">70, 40.392, 107.307</a>
<a href="#">Yxy</a>	<a href="#">40.9694, 0.3739, 0.4342</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4289638500 (0xFFAEB064)</a>
<a href="#">YUV</a>	<a href="#">166.7380, -32.9018, 6.3688</a>
<a href="#">Hunter-Lab</a>	<a href="#">64.0074, -13.6229, 28.0345</a>

# Details

The Hex color **AEB064** is a light color, and the websafe version is hex **999966**. A complement of this color would be **6664B0**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **E7E798**, and **787C33** is the 20% darker color. If you saturate the color by 10%, you get **AEB052**, and if you desaturate by 10%, it is **AEB076**.

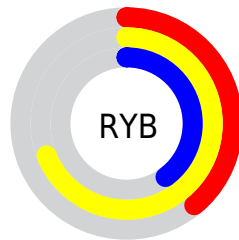
# Distribution



Red (68%)

Green (69%)

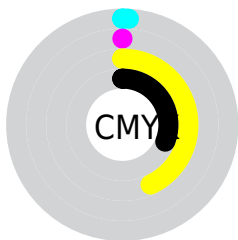
Blue (39%)



Red (39%)

Yellow (69%)

Blue (40%)

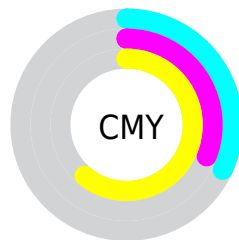


Cyan (1%)

Magenta (0%)

Yellow (43%)

Black (31%)



Cyan (32%)

Magenta (31%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AEB064 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 AEB064 by changing the saturation by 10% instead.



 AEB064

 AEB064

FFFFFF

 93954B

 E7E798

 787C33

 FFFFB3

 5E631A

 FFFFCE

 454B00

 FFFFEC

 2D3400

 151F00

 000100

 000000

 AEB064

 AEB064

 AEB052

 AEB076

 ADB041

 AFB087

 ADB02F

 AFB099

 ACB01E

 B0B0AA

 ACB00C

 B0B0BC

 ABB000

 B1B0CE

 B1B0DF

 B2B0F1

 B2B0FF

# Harmonies

## Analogous

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



D1A464



AEB064



84B978

# Triad

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



AEB064



00BCE0



E990BD

# Complementary

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



AEB064



6664B0

# 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.



CA9ADE



AEB064



56B4F2

# Square

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



AEB064



00BFC0



98A8F1



F38F97

# Rectangle

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



AEB064



65BD8E



98A8F1



E193C9



# Sweetspot

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



AEB064



E5E6C8



B06564



727360



F2F2F2



737373



# Same Dimension

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



AEB064



E2E66E



89B064



595950



959900



191A00



# Inverse Universe

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



6664B0



716EE6



8B64B0



515059



040099



01001A



# Previews

## White Background



This preview shows how the Hex color AEB064 looks on a white background.

## Color Contrast Check

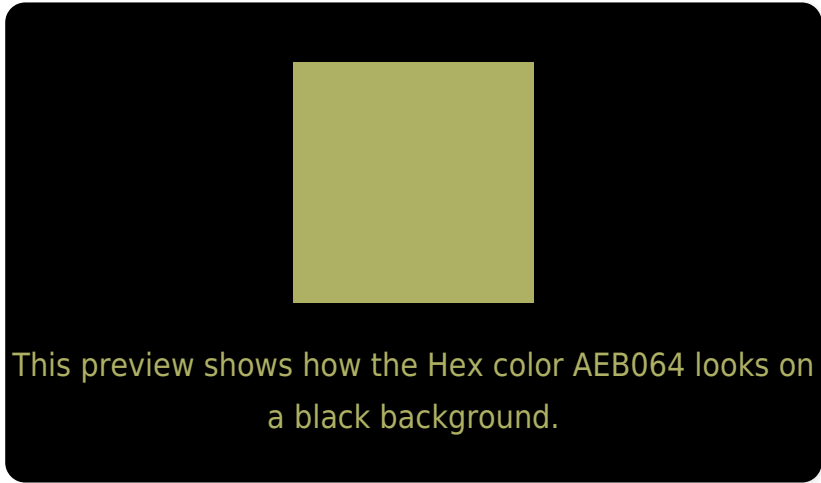
Large Text (above 18pt) WCAG AA × Fail

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

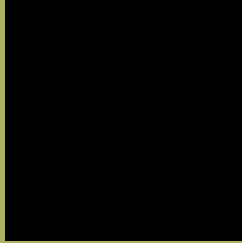
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AEB064 Background



This preview shows how black text looks on a background with the Hex color AEB064.

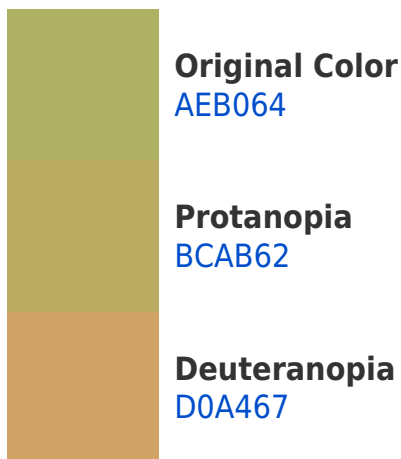


This preview shows how white text looks on a background with the Hex color AEB064.

# 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**  
B7A7B4

# Trichromacy



**Original Color**  
AEB064

**Protanomaly**  
B7AD63

**Deuteranomaly**  
C4A866

**Tritanomaly**  
B4AA97

# Monochromacy



**Original Color**  
AEB064

**Achromatopsia**  
A7A7A7

**Achromatomaly**  
AAAA8F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AEB064 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 #AEB064 looks like.

```
.text, #text, p{  
    color:#AEB064  
}
```

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 #AEB064 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEB064
}
```

## Border

The CSS property to change the border of an element to Hex AEB064 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
#AEB064 }
```

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

```
.border{ border-color:#AEB064 }
```

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

Here you see how a box with a 4 pixel #AEB064 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEB064; -webkit-box-shadow:4px 4px  
4px 4px #AEB064; box-shadow:4px 4px 4px  
4px #AEB064 }
```

# Background

The CSS property to change the background color of an element to Hex AEB064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEB064 }
```

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

```
.background{ background-color:#AEB064 }
```

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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