

# Converting Colors

Hex(AEBD18)

Have a look what the booklet for  
Hex(AEBD18) contains.

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**Color**

**Hex(AEBD18)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | AEBD18                      |
| RGB         | 174, 189, 24                |
| RGB Percent | 68%, 74%, 9%                |
| CMY         | 0.3176, 0.2588, 0.9059      |
| CMYK        | 0.08, 0.00, 0.87, 0.26      |
| HSL         | 65°, 77%, 42%               |
| HSV         | 65°, 87%, 74%               |
| XYZ         | 35.8180, 45.4598, 7.7510    |
| YIQ         | 165.7050, 44.0250, -54.4950 |

# Conversions

## Conversions Part 2

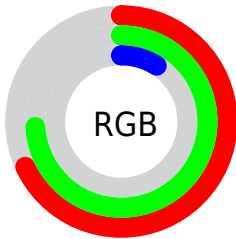
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 24, 189, 39                   |
| Decimal                             | 11451672                      |
| CIE Lab                             | 73.19, -23.30, 70.89          |
| CIE LCh                             | 73, 74.625, 108.196           |
| Yxy                                 | 45.4598, 0.4023,<br>0.5106    |
| Android<br>(android.graphics.Color) | 4289641752<br>(0xFFFAEBD18)   |
| YUV                                 | 165.7050, -69.8606,<br>7.2747 |
| Hunter-Lab                          | 67.4239, -23.1661,<br>40.3808 |

# Details

The Hex color **AEBD18** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **2718BD**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **E9F559**, and **758800** is the 20% darker color. If you saturate the color by 10%, you get **ACBD05**, and if you desaturate by 10%, it is **B0BD2B**.

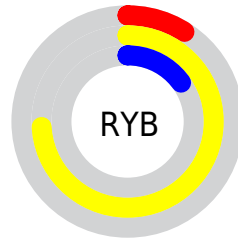
# Distribution



Red (68%)

Green (74%)

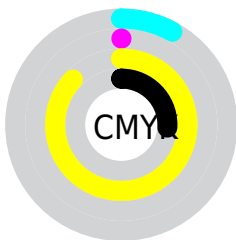
Blue (9%)



Red (9%)

Yellow (74%)

Blue (15%)

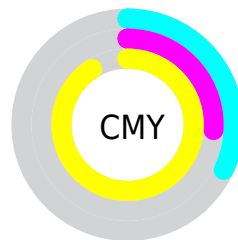


Cyan (8%)

Magenta (0%)

Yellow (87%)

Black (26%)



Cyan (32%)

Magenta (26%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AEBD18 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 AEBD18 by changing the saturation by 10% instead.



 AEBD18

 AEBD18

FFFFFF

 91A200

 E9F559

 758800

 FFFF76

 5A6F00

 FFFF92

 3E5600

 FFFFAE

 233F00

 FFFFCB

 072900

 FFFFEB

 001300

 000000

 AEBD18

 AEBD18

 ACBD05

 B0BD2B

 ACBD00

 B1BD3E

 B3BD51

 B5BD64

 B7BD77

 B8BD89

 BABD9C

 BCBDAF

 BDBDC2

# Harmonies

## Analogous

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



ECA719



AEBD18



59CB52

# Triad

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



AEBD18



00D0FF



FF74D2

# Complementary

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



AEBD18



2718BD

# 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.



EB8EFF



AEBD18



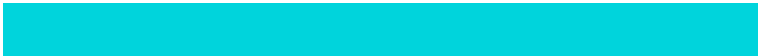
00C3FF

# Square

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



AEBD18



00D4DC



7CADFF



FF728D

# Rectangle

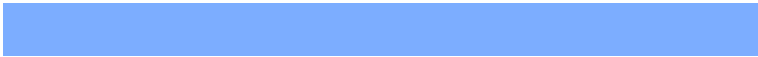
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



AEBD18



00D07E



7CADFF



FF7BE8



# Sweetspot

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



AEBD18



EFF5B5



BD2618



777A54



FAFAFA



7A7A7A



# Same Dimension

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



AEBD18



DFF500



5DBD18



5D5E55



909E00



1C1F00



# Inverse Universe

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



2718BD



1600F5



7818BD



56555E



0E009E



03001F



# Previews

## White Background



This preview shows how the Hex color AEBD18 looks on a white background.

## Color Contrast Check

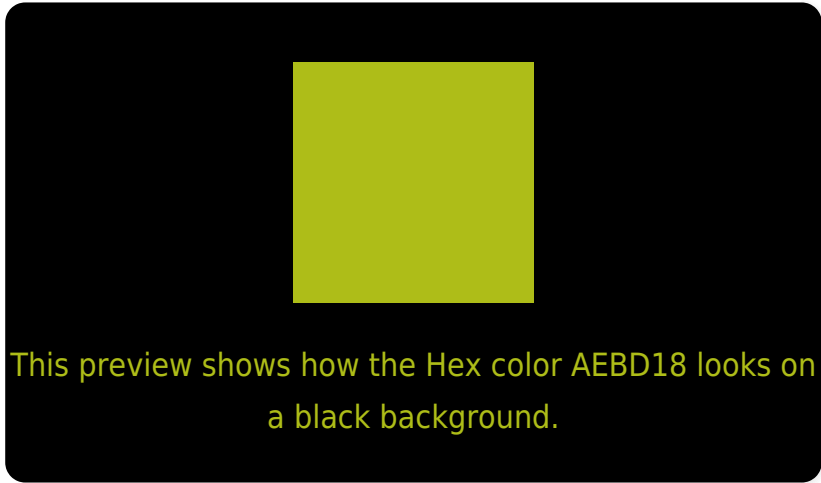
Large Text (above 18pt) WCAG AA × Fail

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 AEBD18 Background



This preview shows how black text looks on a background with the Hex color AEBD18.



This preview shows how white text looks on a background with the Hex color AEBD18.

# 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



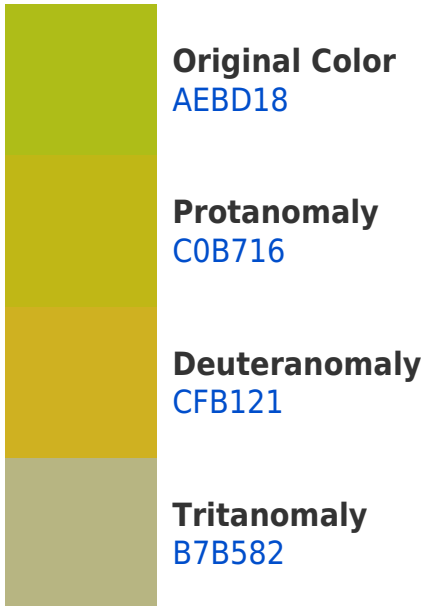
**Original Color**  
AEBD18

**Protanopia**  
CAB415

**Deuteranopia**  
E2AA26



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AEBD18 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 #AEBD18 looks like.

```
.text, #text, p{  
    color:#AEBD18  
}
```

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 #AEBD18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEBD18
}
```

## Border

The CSS property to change the border of an element to Hex AEBD18 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
#AEBD18 }
```

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

```
.border{ border-color:#AEBD18 }
```

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

Here you see how a box with a 4 pixel #AEBD18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEBD18; -webkit-box-shadow:4px 4px  
4px 4px #AEBD18; box-shadow:4px 4px 4px  
4px #AEBD18 }
```

# Background

The CSS property to change the background color of an element to Hex AEBD18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEBD18 }
```

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

```
.background{ background-color:#AEBD18 }
```

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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