

# Converting Colors

Hex(AEA00B)

Have a look what the booklet for  
Hex(AEA00B) contains.

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# Color

**Hex(AEA00B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AEA00B
RGB	174, 160, 11
RGB Percent	68%, 63%, 4%
CMY	0.3176, 0.3725, 0.9569
CMYK	0.00, 0.08, 0.94, 0.32
HSL	55°, 88%, 36%
HSV	55°, 94%, 68%
XYZ	30.0868, 34.1644, 5.3253
YIQ	147.2000, 56.1730, -43.3710

# Conversions

## Conversions Part 2

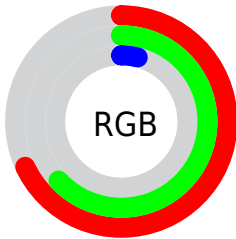
Format	Color
R <sub>Y</sub> B	26, 174, 11
Decimal	11444235
CIE Lab	65.09, -8.78, 66.67
CIE LCh	65, 67.250, 97.500
Yxy	34.1644, 0.4324, 0.4910
Android (android.graphics.Color)	4289634315 (0xFFFAEA00B)
YUV	147.2000, -67.1466, 23.5036
Hunter-Lab	58.4504, -10.4069, 35.5135

# Details

The Hex color **AEA00B** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **0B19AE**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **E9D64F**, and **756D00** is the 20% darker color. If you saturate the color by 10%, you get **AE9F00**, and if you desaturate by 10%, it is **AEA11C**.

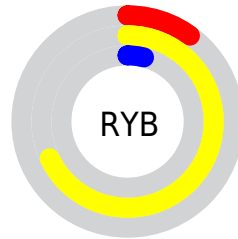
# Distribution



Red (68%)

Green (63%)

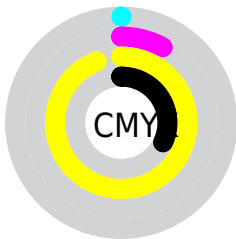
Blue (4%)



Red (10%)

Yellow (68%)

Blue (4%)

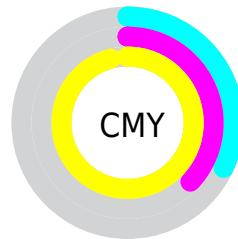


Cyan (0%)

Magenta (8%)

Yellow (94%)

Black (32%)



Cyan (32%)

Magenta (37%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AEA00B 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 AEA00B by changing the saturation by 10% instead.



 AEA00B

 AEA00B

FFFFFF

 918600

 E9D64F

 756D00

 FFF36A

 5A5500

 FFFF86

 3F3E00

 FFFFA2

 252800

 FFFFBE

 061500

 FFFFDB

 000000

 FFFFF8

 AEA00B

 AEA00B

■ AE9F00

■ AEA11C

■ AEA32E

■ AEA43F

■ AEA651

■ AEA762

■ AEA973

■ AEAA85

■ AEAC96

■ AEADA8

# Harmonies

## Analogous

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



E08A27



AEA00B



6EAF35

# Triad

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



AEA00B



00B9E6



F26DCD

# Complementary

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



AEA00B



0B19AE

# 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.



B387FE



AEA00B



00B1FF

# Square

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



AEA00B



00BAAC



1BA0FF



FF6291

# Rectangle

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



AEA00B



24B55A



1BA0FF



E275E0



# Sweetspot

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



AEA00B



E3DDA3



AE0B1B



736F4C



F2F2F2



737373



# Same Dimension

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



AEA00B



E3CF00



6DAE0B



57564E



968A00



171500



# Inverse Universe

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



0B19AE



0013E3



4C0BAE



4E4F57



000D96



000217



# Previews

## White Background



This preview shows how the Hex color #AEA00B looks on a white background.

## Color Contrast Check

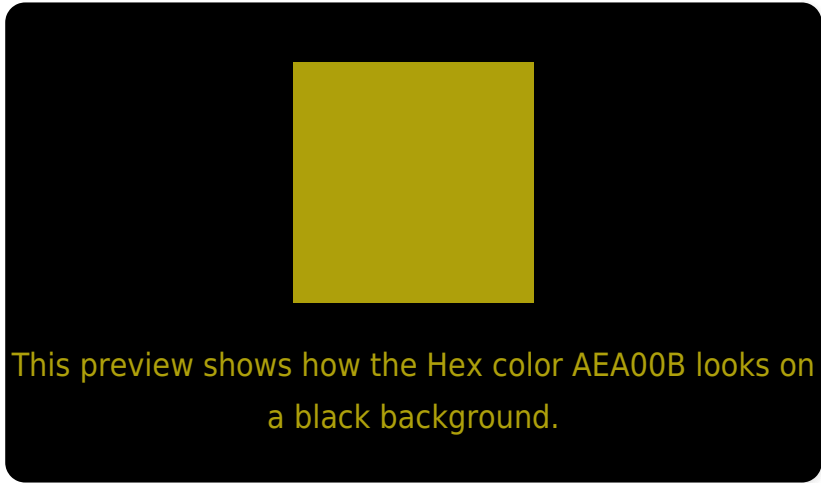
Large Text (above 18pt) WCAG AA × Fail

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 AEA00B Background



This preview shows how black text looks on a background with the Hex color AEA00B.



This preview shows how white text looks on a background with the Hex color AEA00B.

# 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**  
AEA00B

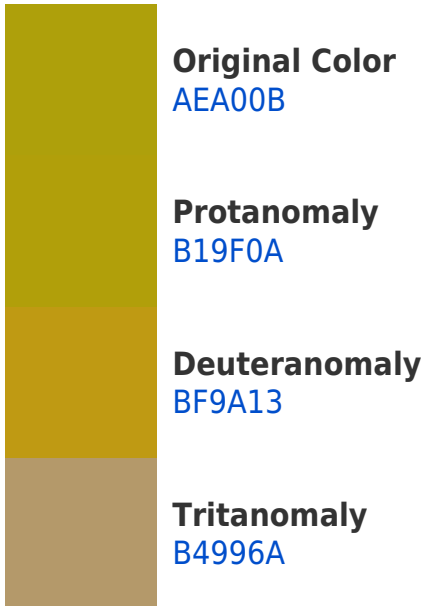
**Protanopia**  
B29E0A

**Deuteranopia**  
C89618



**Tritanopia**  
B895A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AEA00B 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 #AEA00B looks like.

```
.text, #text, p{  
    color:#AEA00B  
}
```

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 #AEA00B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEA00B
}
```

## Border

The CSS property to change the border of an element to Hex AEA00B 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
#AEA00B }
```

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

```
.border{ border-color:#AEA00B }
```

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

Here you see how a box with a 4 pixel #AEA00B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEA00B; -webkit-box-shadow:4px 4px  
4px 4px #AEA00B; box-shadow:4px 4px 4px  
4px #AEA00B }
```

# Background

The CSS property to change the background color of an element to Hex AEA00B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEA00B }
```

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

```
.background{ background-color:#AEA00B }
```

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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