

# Converting Colors

Hex(AEB100)

Have a look what the booklet for  
Hex(AEB100) contains.

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**Color**

**Hex(AEB100)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AEB100
RGB	174, 177, 0
RGB Percent	68%, 69%, 0%
CMY	0.3176, 0.3059, 1.0000
CMYK	0.02, 0.00, 1.00, 0.31
HSL	61°, 100%, 35%
HSV	61°, 100%, 69%
XYZ	33.1777, 40.4430, 6.0576
YIQ	155.9250, 55.0290, -55.6830

# Conversions

## Conversions Part 2

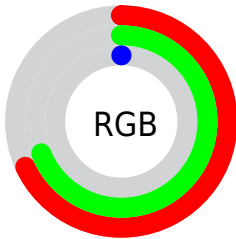
Format	Color
<a href="#">RYB</a>	<a href="#">0, 177, 3</a>
Decimal	<a href="#">11448576</a>
CIELab	<a href="#">69.78, -17.71, 71.55</a>
CIELCh	<a href="#">70, 73.711, 103.899</a>
Yxy	<a href="#">40.4430, 0.4164, 0.5076</a>
Android (android.graphics.Color)	<a href="#">4289638656 (0xFFAEB100)</a>
YUV	<a href="#">155.9250, -76.8710, 15.8518</a>
Hunter-Lab	<a href="#">63.5948, -18.1665, 38.8688</a>

# Details

The Hex color **AEB100** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **0300B1**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **E9E84E**, and **757D00** is the 20% darker color. If you saturate the color by 10%, you get **AEB100**, and if you desaturate by 10%, it is **AEB112**.

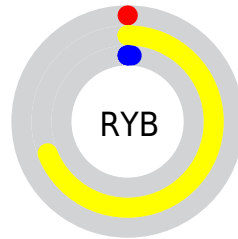
# Distribution



Red (68%)

Green (69%)

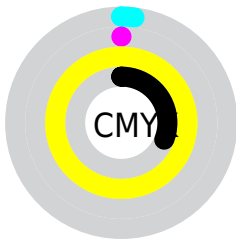
Blue (0%)



Red (0%)

Yellow (69%)

Blue (1%)

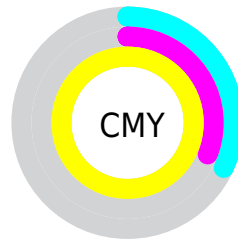


Cyan (2%)

Magenta (0%)

Yellow (100%)

Black (31%)



Cyan (32%)

Magenta (31%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AEB100 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 AEB100 by changing the saturation by 10% instead.



 AEB100

 AEB100

FFFFFF

 919600

 E9E84E

 757D00

 FFFF6B

 5A6400

 FFFF87

 3E4C00

 FFFFA3

 243600

 FFFFC0

 082000

 FFFFDD

 000000

 FFFFFB

 AEB100

 AEB112

 AFB123

 AFB135

 AFB147

 B0B159

 B0B16A

 B0B17C

 B0B18E

 B1B19F

# Harmonies

## Analogous

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



E99A17



AEB100



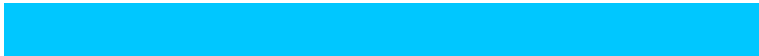
60C042

# Triad

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



AEB100



00C7FF



FF6ED1

# Complementary

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



AEB100



0300B1

# 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.



D58AFF



AEB100



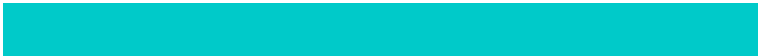
00BCFF

# Square

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



AEB100



00CAC9



57A8FF



FF688E

# Rectangle

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



AEB100



00C56C



57A8FF



FF76E7



# Sweetspot

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



AEB100



E4E6A1



B10300



727349



F2F2F2



737373



# Same Dimension

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



AEB100



E2E600



56B100



595950



969900



191A00



# Inverse Universe

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



0300B1



0400E6



5B00B1



505059



030099



00001A



# Previews

## White Background



This preview shows how the Hex color AEB100 looks on a white background.

## Color Contrast Check

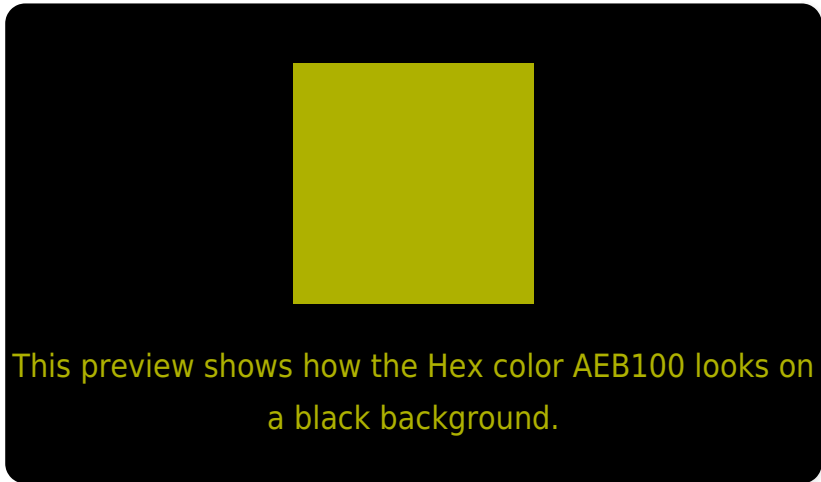
Large Text (above 18pt) WCAG AA × Fail

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 AEB100 Background



This preview shows how black text looks on a background with the Hex color AEB100.



This preview shows how white text looks on a background with the Hex color AEB100.

# 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





# Trichromacy



**Original Color**  
AEB100

**Protanomaly**  
B9AD00

**Deuteranomaly**  
C8A711

**Tritanomaly**  
B6A971

# Monochromacy



**Original Color**  
AEB100

**Achromatopsia**  
9C9C9C

**Achromatomaly**  
A3A463

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AEB100 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 #AEB100 looks like.

```
.text, #text, p{  
    color:#AEB100  
}
```

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 #AEB100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEB100
}
```

## Border

The CSS property to change the border of an element to Hex AEB100 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
#AEB100 }
```

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

```
.border{ border-color:#AEB100 }
```

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

Here you see how a box with a 4 pixel #AEB100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEB100; -webkit-box-shadow:4px 4px  
4px 4px #AEB100; box-shadow:4px 4px 4px  
4px #AEB100 }
```

# Background

The CSS property to change the background color of an element to Hex AEB100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEB100 }
```

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

```
.background{ background-color:#AEB100 }
```

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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