

# Converting Colors

Hex(ABE811)

Have a look what the booklet for  
Hex(ABE811) contains.

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# Color

**Hex(ABE811)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ABE811
RGB	171, 232, 17
RGB Percent	67%, 91%, 7%
CMY	0.3294, 0.0902, 0.9333
CMYK	0.26, 0.00, 0.93, 0.09
HSL	77°, 86%, 49%
HSV	77°, 93%, 91%
XYZ	45.7524, 66.4116, 10.9376
YIQ	189.2510, 32.6590, -79.7970

# Conversions

## Conversions Part 2

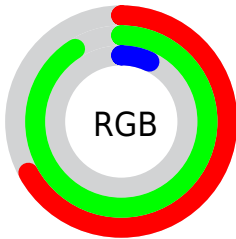
Format	Color
<b>RYB</b>	17, 232, 78
Decimal	11266065
CIELab	85.21, -44.37, 81.52
CIELCh	85, 92.816, 118.561
Yxy	66.4116, 0.3717, 0.5395
Android (android.graphics.Color)	4289456145 (0xFFABE811)
YUV	189.2510, -84.9197, -16.0061
Hunter-Lab	81.4933, -42.3990, 49.0877

# Details

The Hex color **ABE811** is a dark color, and the websafe version is hex **CCFF33**. The color can be described as middle washed chartreuse. A complement of this color would be **4E11E8**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **E7FF5E**, and **70B000** is the 20% darker color. If you saturate the color by 10%, you get **A6E800**, and if you desaturate by 10%, it is **B2E828**.

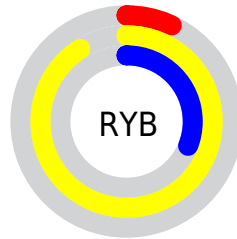
# Distribution



Red (67%)

Green (91%)

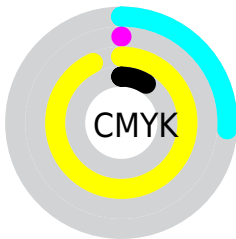
Blue (7%)



Red (7%)

Yellow (91%)

Blue (31%)

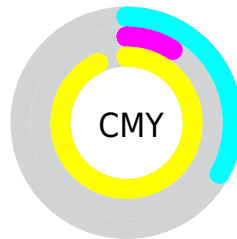


Cyan (26%)

Magenta (0%)

Yellow (93%)

Black (9%)



Cyan (33%)

Magenta (9%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ABE811 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 ABE811 by changing the saturation by 10% instead.



 ABE811

 ABE811

FFFFFF

 8ECC00

 E7FF5E

 70B000

 FFFF7C

 539500

 FFFF99

 347B00

 FFFFB6

 0A6200

 FFFFD4

 004900

 FFFFF2

 003200

 001B00

 000000

 ABE811

 ABE811

 A6E800

 B2E828

 B8E83F

 BFE857

 C5E86E

 CCE885

 D2E89C

 D9E8B3

 E0E8CB

 E6E8E2

# Harmonies

## Analogous

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



FFD000



ABE811



00F673

# Triad

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



ABE811



00F4FF



FF78DD

# Complementary

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



ABE811



4E11E8

# 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.



FF95FF



ABE811



00E1FF

# Square

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



ABE811



00FCFF



C8BFFF



FF8586

# Rectangle

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



ABE811



00FBAF



C8BFFF



FF7DFA

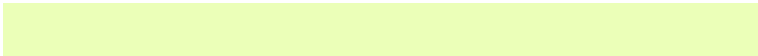


# Sweetspot

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



ABE811



EBFFB8



E84E11



738054



000000



808080



# Same Dimension

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



ABE811



B7FF00



40E811



6F7367



80B300



253300



# Inverse Universe

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



4E11E8



4800FF



B911E8



6B6773



3300B3

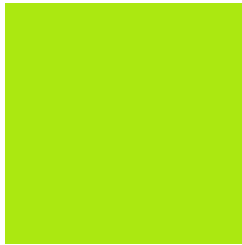


0E0033



# Previews

## White Background



This preview shows how the Hex color ABE811 looks on a white background.

## Color Contrast Check

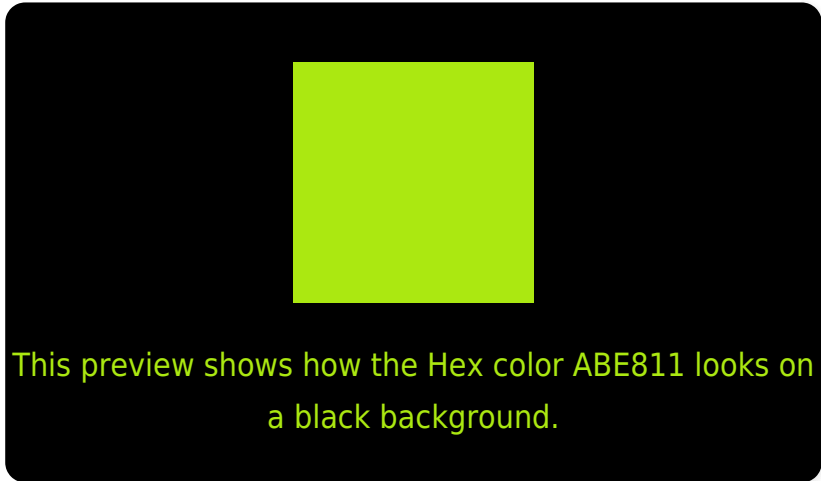
Large Text (above 18pt) WCAG AA × Fail

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 ABE811 Background



This preview shows how black text looks on a background with the Hex color ABE811.

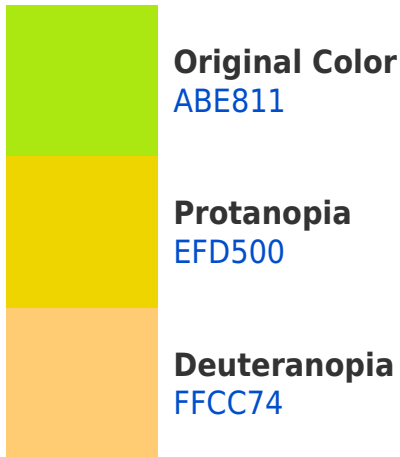


This preview shows how white text looks on a background with the Hex color ABE811.

# 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](#).

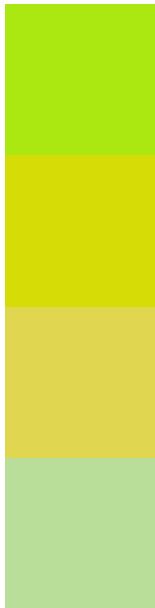
## Dichromacy





**Tritanopia**  
C0D8E9

# Trichromacy



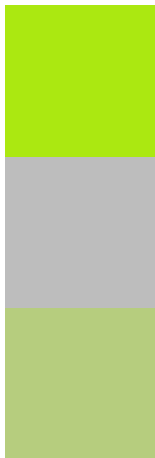
**Original Color**  
ABE811

**Protanomaly**  
D6DC06

**Deuteranomaly**  
E0D650

**Tritanomaly**  
B8DE9A

# Monochromacy



**Original Color**  
ABE811

**Achromatopsia**  
BDBDBD

**Achromatomaly**  
B6CD7E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ABE811 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 #ABE811 looks like.

```
.text, #text, p{  
    color:#ABE811  
}
```

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 #ABE811 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ABE811  
}
```

## Border

The CSS property to change the border of an element to Hex ABE811 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  
#ABE811 }
```

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

```
.border{ border-color:#ABE811 }
```

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

Here you see how a box with a 4 pixel #ABE811 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ABE811; -webkit-box-shadow:4px 4px  
4px 4px #ABE811; box-shadow:4px 4px 4px  
4px #ABE811 }
```

# Background

The CSS property to change the background color of an element to Hex ABE811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ABE811 }
```

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

```
.background{ background-color:#ABE811 }
```

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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