

Converting Colors

Hex(AFBE00)

Have a look what the booklet for
Hex(AFBE00) contains.

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Color

Hex(AFBE00)

Conversions

Conversions Part 1

Format	Color
Hex	AFBE00
RGB	175, 190, 0
RGB Percent	69%, 75%, 0%
CMY	0.3137, 0.2549, 1.0000
CMYK	0.08, 0.00, 1.00, 0.25
HSL	65°, 100%, 37%
HSV	65°, 100%, 75%
XYZ	36.0927, 45.9409, 6.9652
YIQ	163.8550, 52.0500, -62.2700

Conversions

Conversions Part 2

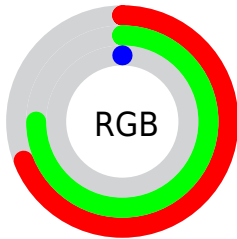
Format	Color
RYB	0, 190, 15
Decimal	11517440
CIELab	73.51, -23.73, 74.34
CIELCh	74, 78.032, 107.707
Yxy	45.9409, 0.4055, 0.5162
Android (android.graphics.Color)	4289707520 (0xFFAFBE00)
YUV	163.8550, -80.7805, 9.7742
Hunter-Lab	67.7797, -23.5633, 41.3530

Details

The Hex color **AFBE00** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **0F00BE**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **EAF651**, and **768900** is the 20% darker color. If you saturate the color by 10%, you get **AFBE00**, and if you desaturate by 10%, it is **B0BE13**.

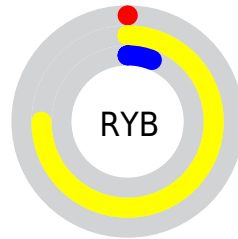
Distribution



Red (69%)

Green (75%)

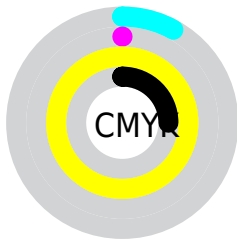
Blue (0%)



Red (0%)

Yellow (75%)

Blue (6%)

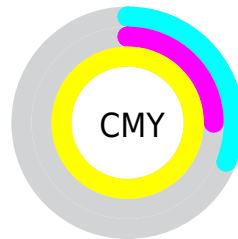


Cyan (8%)

Magenta (0%)

Yellow (100%)

Black (25%)



Cyan (31%)

Magenta (25%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color AFBE00 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 AFBE00 by changing the saturation by 10% instead.

 AFBE00

 AFBE00

FFFFFF

 92A300

 EAF651

 768900

 FFFF6E

 5A6F00

 FFFF8B

 3E5700

 FFFFA7

 234000

 FFFFC4

 072A00

 FFFFE1

 001500

 000000

 AFBE00

 B0BE13

 B2BE26

 B3BE39

 B5BE4C

 B6BE5F

 B8BE72

 BABE85

 BBBE98

 BDBEAB

Harmonies

Analogous

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



F0A708



AFBE00



56CD4C

Triad

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



AFBE00



00D2FF



FF70D5

Complementary

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



AFBE00



0F00BE

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.



ED8EFF



AFBE00



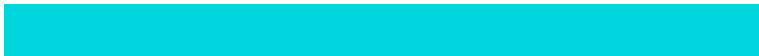
00C5FF

Square

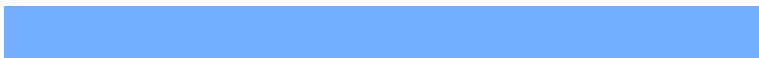
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



AFBE00



00D6DE



74AEFF



FF6E8D

Rectangle

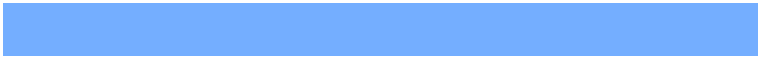
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



AFBE00



00D27B



74AEFF



FF78EC

Sweetspot

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



AFBE00



F1F7AD



BE0D00



797D50



FCFCFC



7D7D7D

Same Dimension

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



AFBE00



E4F700



52BE00



5E5E55



929E00



1C1F00

Inverse Universe

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



0F00BE



1400F7



6C00BE



56555E



0C009E



02001F

Previews

White Background



This preview shows how the Hex color AFBE00 looks on a white background.

Color Contrast Check

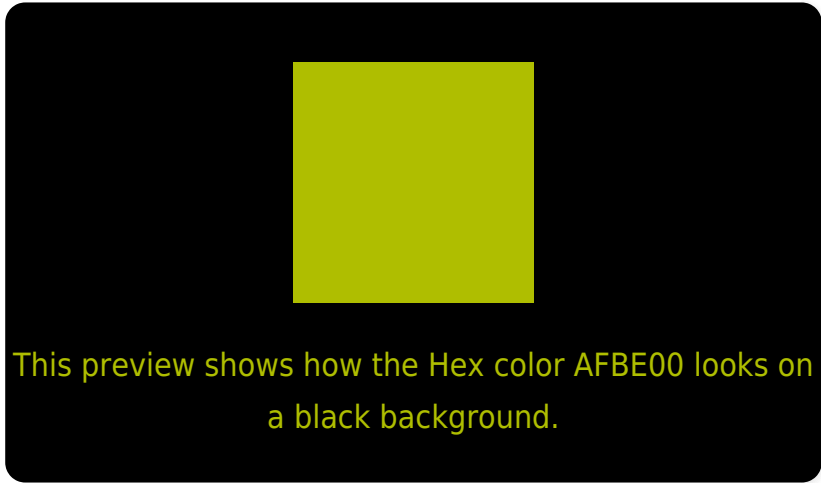
Large Text (above 18pt) WCAG AA × Fail

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 AFBE00 Background



This preview shows how black text looks on a background with the Hex color AFBE00.



This preview shows how white text looks on a background with the Hex color AFBE00.

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
AFBE00

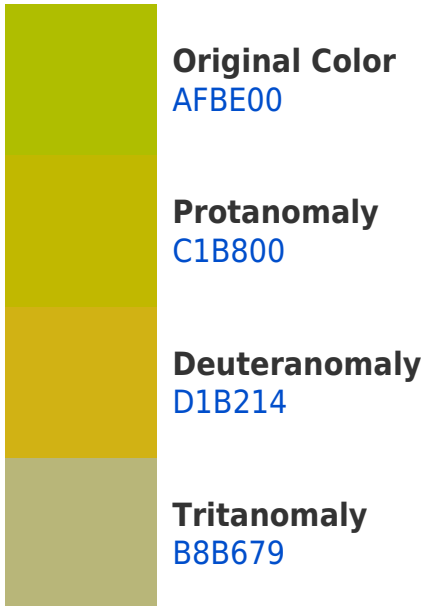
Protanopia
CBB500

Deuteranopia
E4AB1F

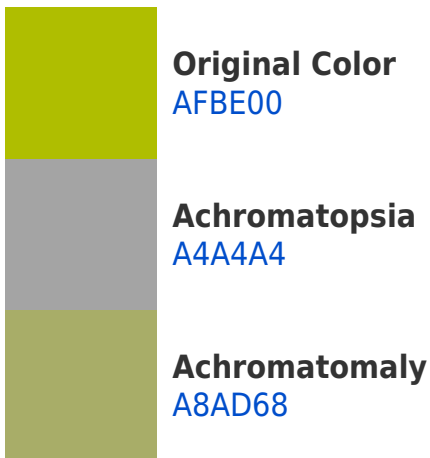


Tritanopia
BDB1BE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AFBE00 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 #AFBE00 looks like.

```
.text, #text, p{  
    color:#AFBE00  
}
```

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 #AFBE00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFBE00
}
```

Border

The CSS property to change the border of an element to Hex AFBE00 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
#AFBE00 }
```

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

```
.border{ border-color:#AFBE00 }
```

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

Here you see how a box with a 4 pixel #AFBE00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFBE00; -webkit-box-shadow:4px 4px  
4px 4px #AFBE00; box-shadow:4px 4px 4px  
4px #AFBE00 }
```

Background

The CSS property to change the background color of an element to Hex AFBE00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFBE00 }
```

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

```
.background{ background-color:#AFBE00 }
```

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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