

Converting Colors

Hex(AFCA16)

Have a look what the booklet for
Hex(AFCA16) contains.

Hex(AFCA16)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(AFCA16)

Conversions

Conversions Part 1

Format	Color
Hex	AFCA16
RGB	175, 202, 22
RGB Percent	69%, 79%, 9%
CMY	0.3137, 0.2078, 0.9137
CMYK	0.13, 0.00, 0.89, 0.21
HSL	69°, 80%, 44%
HSV	69°, 89%, 79%
XYZ	38.9445, 51.4129, 8.6302
YIQ	173.4070, 41.6880, -61.7040

Conversions

Conversions Part 2

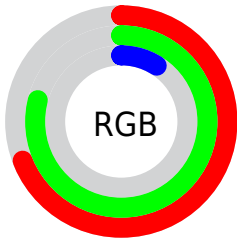
Format	Color
R _Y B	22, 202, 49
Decimal	11520534
CIE Lab	76.93, -29.18, 74.31
CIE LCh	77, 79.836, 111.442
Yxy	51.4129, 0.3934, 0.5194
Android (android.graphics.Color)	4289710614 (0xFFAFCA16)
YUV	173.4070, -74.6437, 1.3971
Hunter-Lab	71.7028, -28.5298, 43.0558

Details

The Hex color **AFCA16** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **3116CA**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **EAFF5A**, and **769400** is the 20% darker color. If you saturate the color by 10%, you get **ACCA02**, and if you desaturate by 10%, it is **B2CA2A**.

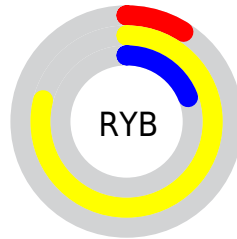
Distribution



Red (69%)

Green (79%)

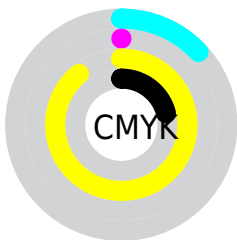
Blue (9%)



Red (9%)

Yellow (79%)

Blue (19%)

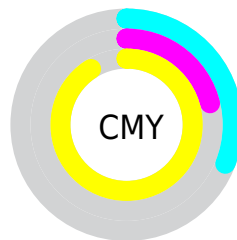


Cyan (13%)

Magenta (0%)

Yellow (89%)

Black (21%)



Cyan (31%)

Magenta (21%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color AFCA16 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 AFCA16 by changing the saturation by 10% instead.

 AFCA16

 AFCA16

FFFFFF

 92AF00

 EAFF5A

 769400

 FFFF77

 5A7A00

 FFFF94

 3E6100

 FFFFB1

 214900

 FFFFCE

 013200

 FFFFEB

 002000

 000000

 AFCA16

 AFCA16

 ACCA02

 B2CA2A

 ACCA00

 B5CA3E

 B8CA53

 BBCA67

 BECA7B

 C1CA8F

 C4CAA3

 C7CAB8

 CACACC

Harmonies

Analogous

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



F4B307



AFCA16



4BD85B

Triad

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



AFCA16



00DBFF



FF76D6

Complementary

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



AFCA16



3116CA

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.



FF92FF



AFCA16



00CDFF

Square

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



AFCA16



00E0F2



93B3FF



FF788C

Rectangle

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



AFCA16



00DD8C



93B3FF



FF7DEF

Sweetspot

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



AFCA16



F5FFBA



CA3116



798057



000000



808080

Same Dimension

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



AFCA16



D9FF00



55CA16



64665C



8DA600



212600

Inverse Universe

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



3116CA



2600FF



8B16CA



5D5C66



1900A6



060026

Previews

White Background



This preview shows how the Hex color AFCA16 looks on a white background.

Color Contrast Check

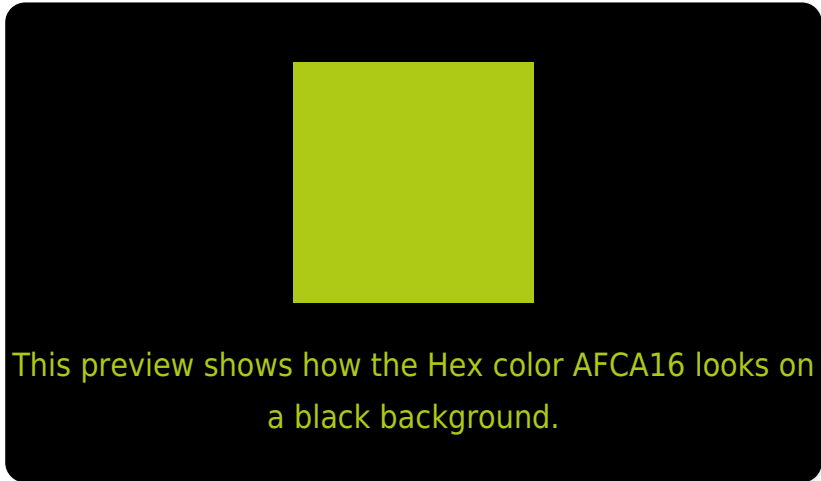
Large Text (above 18pt) WCAG AA × Fail

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 AFCA16 Background



This preview shows how black text looks on a background with the Hex color AFCA16.

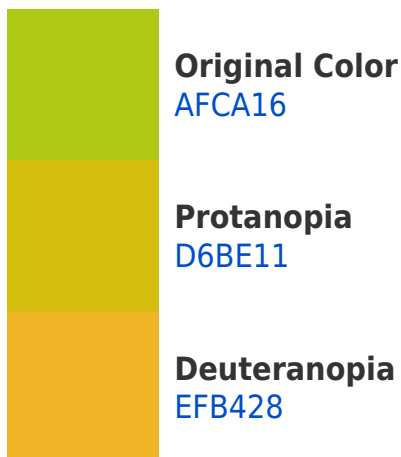


This preview shows how white text looks on a background with the Hex color AFCA16.

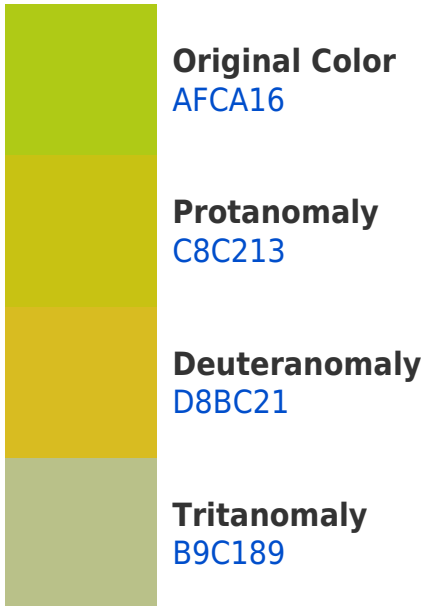
Color Blindness Simulation

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](#).

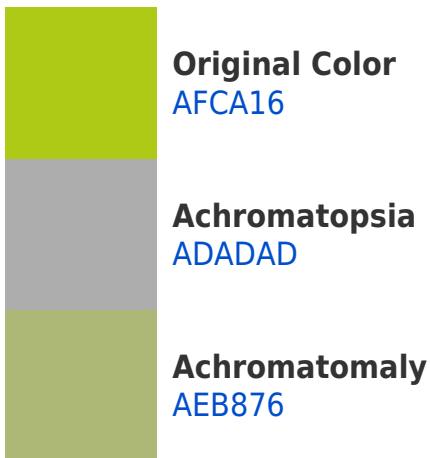
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AFCA16 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 #AFCA16 looks like.

```
.text, #text, p{  
    color:#AFCA16  
}
```

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 #AFCA16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFCA16
}
```

Border

The CSS property to change the border of an element to Hex AFCA16 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
#AFCA16 }
```

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

```
.border{ border-color:#AFCA16 }
```

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

Here you see how a box with a 4 pixel #AFCA16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFCA16; -webkit-box-shadow:4px 4px  
4px 4px #AFCA16; box-shadow:4px 4px 4px  
4px #AFCA16 }
```

Background

The CSS property to change the background color of an element to Hex AFCA16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFCA16 }
```

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

```
.background{ background-color:#AFCA16 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor