

# Converting Colors

Hex(AFCA19)

Have a look what the booklet for  
Hex(AFCA19) contains.

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**Color**

**Hex(AFCA19)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | AFCA19                      |
| RGB         | 175, 202, 25                |
| RGB Percent | 69%, 79%, 10%               |
| CMY         | 0.3137, 0.2078, 0.9020      |
| CMYK        | 0.13, 0.00, 0.88, 0.21      |
| HSL         | 69°, 78%, 45%               |
| HSV         | 69°, 88%, 79%               |
| XYZ         | 38.9752, 51.4252, 8.7916    |
| YIQ         | 173.7490, 40.7250, -60.7710 |

# Conversions

## Conversions Part 2

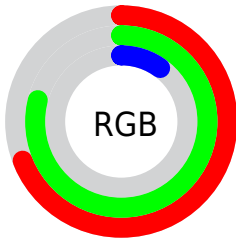
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 25, 202, 52                   |
| Decimal                             | 11520537                      |
| CIELab                              | 76.94, -29.12, 73.79          |
| CIELCh                              | 77, 79.328, 111.535           |
| Yxy                                 | 51.4252, 0.3929,<br>0.5184    |
| Android<br>(android.graphics.Color) | 4289710617<br>(0xFFAFCA19)    |
| YUV                                 | 173.7490, -73.3333,<br>1.0971 |
| Hunter-Lab                          | 71.7114, -28.4800,<br>42.9292 |

# Details

The Hex color **AFCA19** 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 **3419CA**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **EAFF5C**, and **769400** is the 20% darker color. If you saturate the color by 10%, you get **ACCA05**, and if you desaturate by 10%, it is **B2CA2D**.

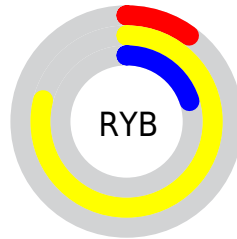
# Distribution



Red (69%)

Green (79%)

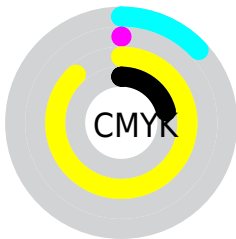
Blue (10%)



Red (10%)

Yellow (79%)

Blue (20%)

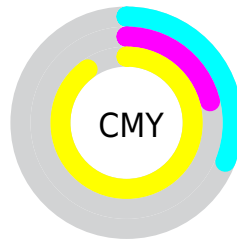


Cyan (13%)

Magenta (0%)

Yellow (88%)

Black (21%)



Cyan (31%)

Magenta (21%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AFCA19 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 AFCA19 by changing the saturation by 10% instead.



 AFCA19

 AFCA19

FFFFFF

 92AF00

 EAFF5C

 769400

 FFFF79

 5A7A00

 FFFF95

 3E6100

 FFFFFB2

 214900

 FFFFFCF

 013200

 FFFFFEC

 002000

 000000

 AFCA19

 AFCA19

■ ACCA05

■ B2CA2D

■ ABCA00

■ B5CA41

■ B8CA56

■ BBCA6A

■ BECA7E

■ C1CA92

■ C5CAA6

■ C8CABB

■ CBCACF

# Harmonies

## Analogous

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



F3B30B



AFCA19



4CD85C

# Triad

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



AFCA19



00DBFF



FF77D6

# Complementary

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



AFCA19



3419CA

# 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



AFCA19



00CDFF

# Square

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



AFCA19



00E0F2



94B3FF



FF798D

# Rectangle

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



AFCA19



00DD8D



94B3FF



FF7EEE

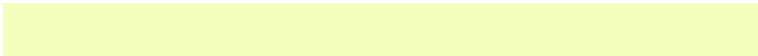


# Sweetspot

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



A FCA19



F5FFBD



CA3419



798058



000000



808080



# Same Dimension

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



AFCA19



D8FF00



57CA19



64665C



8CA600



202600



# Inverse Universe

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



3419CA



2700FF



8C19CA



5D5C66



1900A6



060026



# Previews

## White Background



This preview shows how the Hex color AFCA19 looks on a white background.

## Color Contrast Check

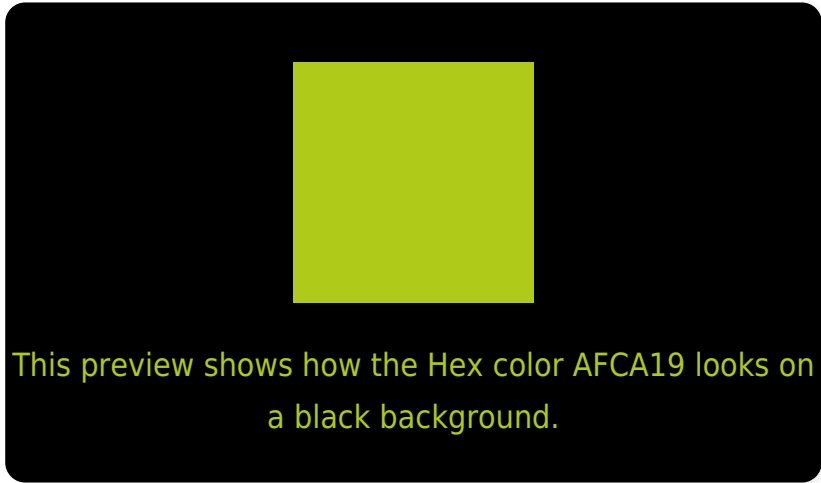
Large Text (above 18pt) WCAG AA × Fail

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 AFCA19 Background



This preview shows how black text looks on a background with the Hex color AFCA19.

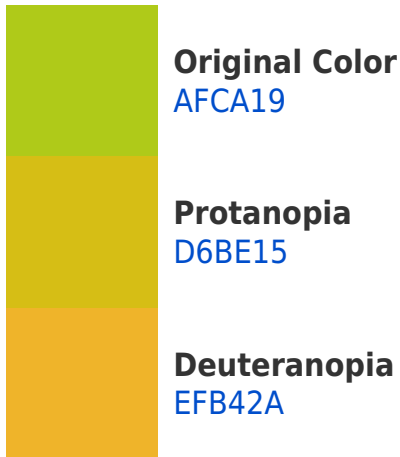


This preview shows how white text looks on a background with the Hex color AFCA19.

# Color Blindness Simulation

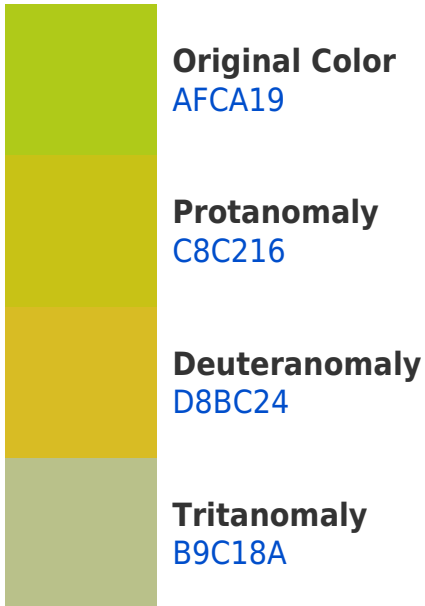
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AFCA19 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 #AFCA19 looks like.

```
.text, #text, p{  
    color:#AFCA19  
}
```

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 #AFCA19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFCA19
}
```

## Border

The CSS property to change the border of an element to Hex AFCA19 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
#AFCA19 }
```

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

```
.border{ border-color:#AFCA19 }
```

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

Here you see how a box with a 4 pixel #AFCA19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFCA19; -webkit-box-shadow:4px 4px  
4px 4px #AFCA19; box-shadow:4px 4px 4px  
4px #AFCA19 }
```

# Background

The CSS property to change the background color of an element to Hex AFCA19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFCA19 }
```

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

```
.background{ background-color:#AFCA19 }
```

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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