

# Converting Colors

Hex(AFB842)

Have a look what the booklet for  
Hex(AFB842) contains.

<b>Hex(AFB842)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(AFB842)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AFB842
RGB	175, 184, 66
RGB Percent	69%, 72%, 26%
CMY	0.3137, 0.2784, 0.7412
CMYK	0.05, 0.00, 0.64, 0.28
HSL	65°, 47%, 49%
HSV	65°, 64%, 72%
XYZ	35.8031, 43.7883, 11.7192
YIQ	167.8570, 32.5140, -38.6060

# Conversions

## Conversions Part 2

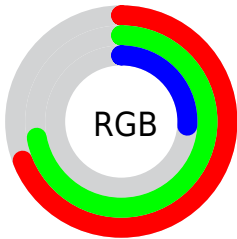
<b>Format</b>	<b>Color</b>
<b>RYB</b>	66, 184, 75
Decimal	11515970
CIELab	72.09, -18.58, 56.74
CIELCh	72, 59.703, 108.134
Yxy	43.7883, 0.3921, 0.4796
Android (android.graphics.Color)	4289706050 (0xFFAFB842)
YUV	167.8570, -50.2155, 6.2644
Hunter-Lab	66.1727, -19.2240, 35.8206

# Details

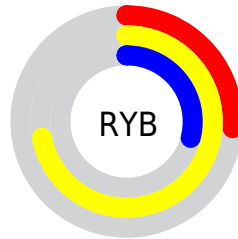
The Hex color **AFB842** is a dark color, and the websafe version is hex **CCCC66**. A complement of this color would be **4B42B8**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **E9F078**, and **778300** is the 20% darker color. If you saturate the color by 10%, you get **AEB830**, and if you desaturate by 10%, it is **B0B854**.

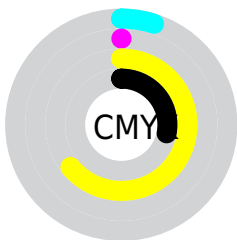
# Distribution



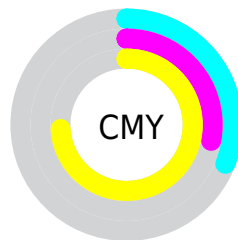
- Red (69%)
- Green (72%)
- Blue (26%)



- Red (26%)
- Yellow (72%)
- Blue (29%)



- Cyan (5%)
- Magenta (0%)
- Yellow (64%)
- Black (28%)



- Cyan (31%)
- Magenta (28%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AFB842 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 AFB842 by changing the saturation by 10% instead.



 AFB842

 AFB842

FFFFFF

 939D26

 E9F078

 778300

 FFFF93

 5D6A00

 FFFFAE

 435200

 FFFF93

 283B00

 FFFF93

 0F2500

 000E00

 000000

 AFB842

 AFB842

 AEB830

 B0B854

 ACB81D

 B2B867

 ABB80B

 B3B879

 AAB800

 B5B88C

 B6B89E

 B7B8B0

 B9B8C3

 BAB8D5

 BCB8E8

# Harmonies

## Analogous

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



E1A641



AFB842



6FC465

# Triad

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



AFB842



00C8FF



FF83C9

# Complementary

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



AFB842



4B42B8

# 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.



DE95FA



AFB842



00BDFF

# Square

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



AFB842



00CCD1



8DABFF



FF8292

# Rectangle

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



AFB842



26C986



8DABFF



FF88DB



# Sweetspot

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



AFB842



ECF0C2



B84A42



76785C



F7F7F7



787878



# Same Dimension

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



AFB842



E2F037



75B842



5B5C53



909C00



1A1C00



# Inverse Universe

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



4B42B8



4537F0



8542B8



53535C



0C009C



02001C



# Previews

## White Background



This preview shows how the Hex color AFB842 looks on a white background.

## Color Contrast Check

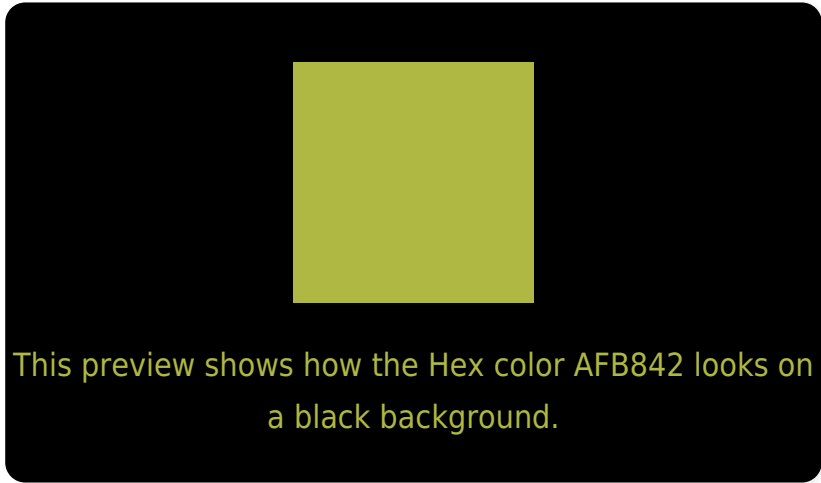
Large Text (above 18pt) WCAG AA × Fail

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 AFB842 Background



This preview shows how black text looks on a background with the Hex color AFB842.

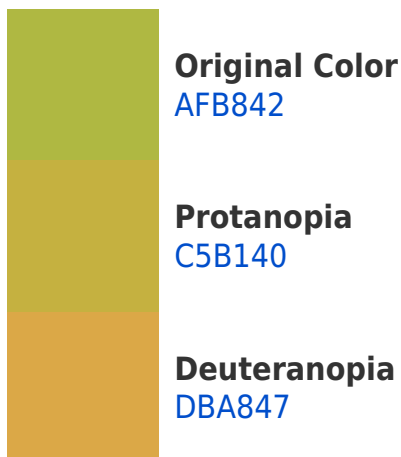


This preview shows how white text looks on a background with the Hex color AFB842.

# Color Blindness Simulation

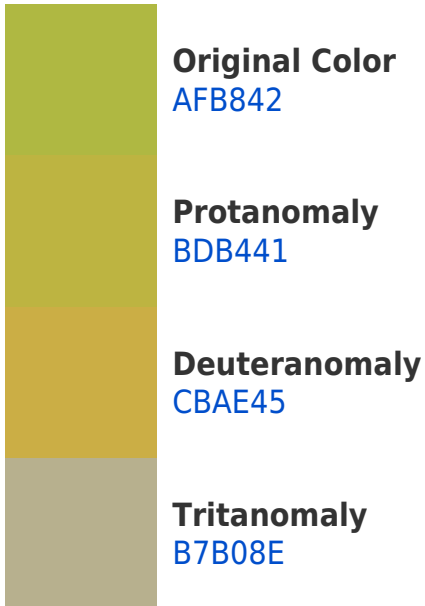
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AFB842 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 #AFB842 looks like.

```
.text, #text, p{  
    color:#AFB842  
}
```

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 #AFB842 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFB842
}
```

## Border

The CSS property to change the border of an element to Hex AFB842 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
#AFB842 }
```

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

```
.border{ border-color:#AFB842 }
```

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

Here you see how a box with a 4 pixel #AFB842 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFB842; -webkit-box-shadow:4px 4px  
4px 4px #AFB842; box-shadow:4px 4px 4px  
4px #AFB842 }
```

# Background

The CSS property to change the background color of an element to Hex AFB842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFB842 }
```

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

```
.background{ background-color:#AFB842 }
```

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