

# Converting Colors

Hex(AFB054)

Have a look what the booklet for  
Hex(AFB054) contains.

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**Color**

**Hex(AFB054)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AFB054
RGB	175, 176, 84
RGB Percent	69%, 69%, 33%
CMY	0.3137, 0.3098, 0.6706
CMYK	0.01, 0.00, 0.52, 0.31
HSL	61°, 37%, 51%
HSV	61°, 52%, 69%
XYZ	34.8048, 40.8047, 14.4292
YIQ	165.2130, 28.9360, -28.8240

# Conversions

## Conversions Part 2

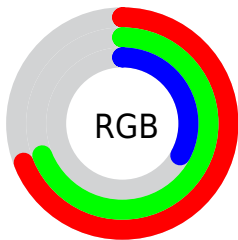
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">84, 176, 85</a>
Decimal	<a href="#">11513940</a>
CIELab	<a href="#">70.04, -13.14, 46.38</a>
CIELCh	<a href="#">70, 48.203, 105.822</a>
Yxy	<a href="#">40.8047, 0.3866, 0.4532</a>
Android (android.graphics.Color)	<a href="#">4289704020 (0xFFAFB054)</a>
YUV	<a href="#">165.2130, -40.0380, 8.5832</a>
Hunter-Lab	<a href="#">63.8786, -14.5303, 31.3223</a>

# Details

The Hex color **AFB054** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5554B0**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **E8E788**, and **787C21** is the 20% darker color. If you saturate the color by 10%, you get **AFB042**, and if you desaturate by 10%, it is **AFB066**.

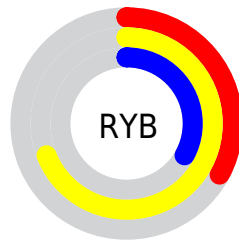
# Distribution



Red (69%)

Green (69%)

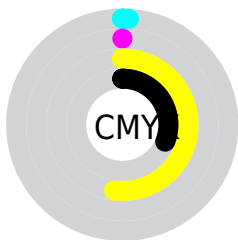
Blue (33%)



Red (33%)

Yellow (69%)

Blue (33%)

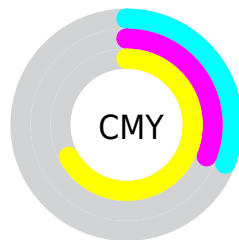


Cyan (1%)

Magenta (0%)

Yellow (52%)

Black (31%)



Cyan (31%)

Magenta (31%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AFB054 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 AFB054 by changing the saturation by 10% instead.





AFB054



AFB054

FFFFFF



93953B



E8E788



787C21



FFFFA3



5E6301



FFFFBF



454B00



FFFADB



2C3500



FFFFF8



132000



000000



AFB054



AFB054



AFB042



AFB066

 AFB031

 AFB077

 AEB01F

 B0B089

 AEB00E

 B0B09A

 AEB000

 B0B0AC

 B0B0BE

 B0B0CF

 B1B0E1

 B1B0F2

# Harmonies

## Analogous

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



D7A155



AFB054



7EBA6C

# Triad

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



AFB054



00BEE9



F289C2

# Complementary

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



AFB054



5554B0

# 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.



CC97E9



AFB054



19B6FF

# Square

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



AFB054



00C2C2



8DA8FF



FE8896

# Rectangle

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



AFB054



54BF86



8DA8FF



E88DD0



# Sweetspot

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



AFB054



E5E6C1



B05454



73735D



F2F2F2



737373



# Same Dimension

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



AFB054



E4E655



82B054



595950



979900



191A00



# Inverse Universe

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



5554B0



5655E6



8254B0



505059



020099



00001A



# Previews

## White Background



This preview shows how the Hex color AFB054 looks on a white background.

## Color Contrast Check

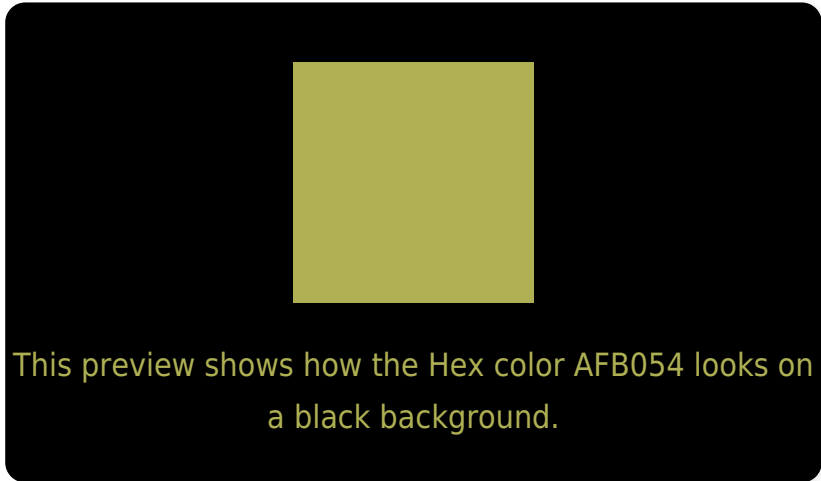
Large Text (above 18pt) WCAG AA × Fail

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

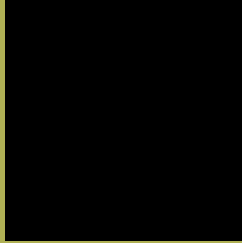
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AFB054 Background



This preview shows how black text looks on a background with the Hex color AFB054.

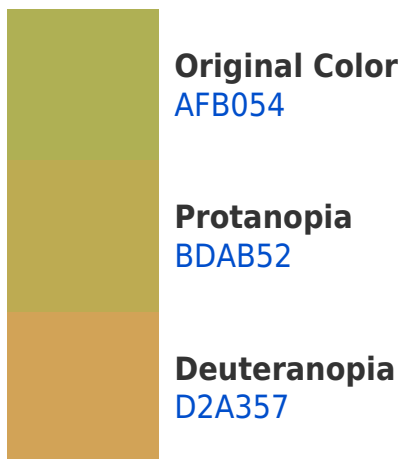


This preview shows how white text looks on a background with the Hex color AFB054.

# 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](#).

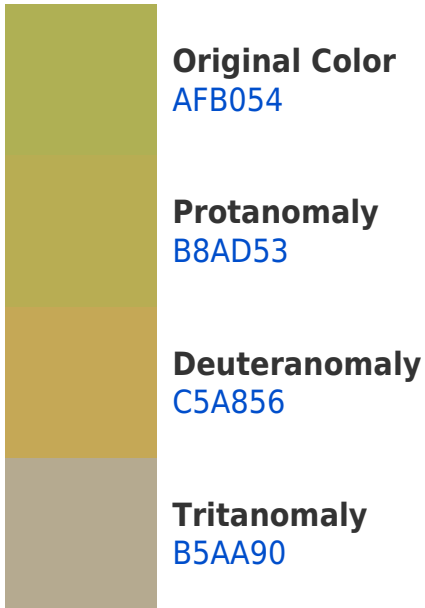
## Dichromacy



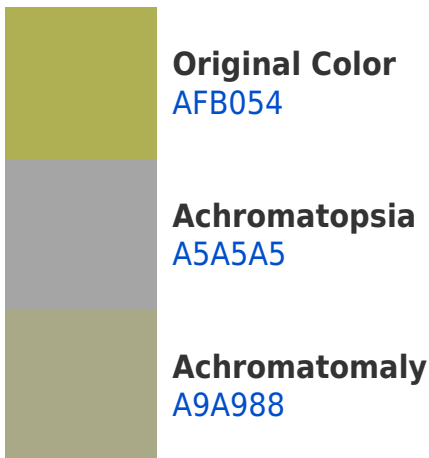


**Tritanopia**  
B9A6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AFB054 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 #AFB054 looks like.

```
.text, #text, p{  
    color:#AFB054  
}
```

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 #AFB054 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFB054
}
```

## Border

The CSS property to change the border of an element to Hex AFB054 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
#AFB054 }
```

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

```
.border{ border-color:#AFB054 }
```

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

Here you see how a box with a 4 pixel #AFB054 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFB054; -webkit-box-shadow:4px 4px  
4px 4px #AFB054; box-shadow:4px 4px 4px  
4px #AFB054 }
```

# Background

The CSS property to change the background color of an element to Hex AFB054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFB054 }
```

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

```
.background{ background-color:#AFB054 }
```

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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