

# Converting Colors

Hex(AFB14E)

Have a look what the booklet for  
Hex(AFB14E) contains.

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# **Color**

**Hex(AFB14E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AFB14E
RGB	175, 177, 78
RGB Percent	69%, 69%, 31%
CMY	0.3137, 0.3059, 0.6941
CMYK	0.01, 0.00, 0.56, 0.31
HSL	61°, 39%, 50%
HSV	61°, 56%, 69%
XYZ	34.7765, 41.1083, 13.3095
YIQ	165.1160, 30.5870, -31.2130

# Conversions

## Conversions Part 2

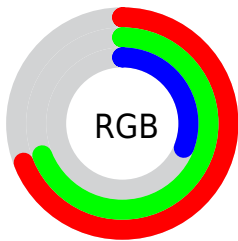
Format	Color
<a href="#">RYB</a>	<a href="#">78, 177, 80</a>
Decimal	<a href="#">11514190</a>
CIELab	<a href="#">70.25, -14.16, 49.45</a>
CIELCh	<a href="#">70, 51.439, 105.975</a>
Yxy	<a href="#">41.1083, 0.3899, 0.4609</a>
Android (android.graphics.Color)	<a href="#">4289704270 (0xFFAFB14E)</a>
YUV	<a href="#">165.1160, -42.9482, 8.6683</a>
Hunter-Lab	<a href="#">64.1158, -15.3839, 32.5733</a>

# Details

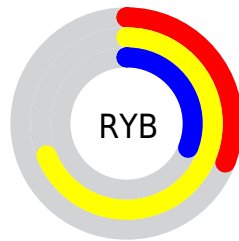
The Hex color **AFB14E** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **504EB1**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **E8E982**, and **787D19** is the 20% darker color. If you saturate the color by 10%, you get **AFB13C**, and if you desaturate by 10%, it is **AFB160**.

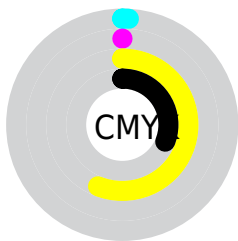
# Distribution



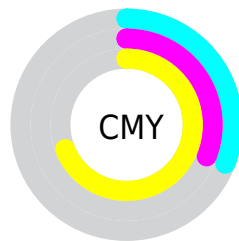
- Red (69%)
- Green (69%)
- Blue (31%)



- Red (31%)
- Yellow (69%)
- Blue (31%)



- Cyan (1%)
- Magenta (0%)
- Yellow (56%)
- Black (31%)



- Cyan (31%)
- Magenta (31%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AFB14E 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 AFB14E by changing the saturation by 10% instead.





AFB14E



AFB14E

FFFFFF



939634



E8E982



787D19



FFFF9D



5D6400



FFFFB9



444C00



FFFFD5



2B3500



FFFFF2



122000



000200



000000



AFB14E



AFB14E

 AFB13C

 AFB160

 AEB12B

 B0B171

 AEB119

 B0B183

 AEB107

 B0B195

 ADB100

 B1B1A7

 B1B1B8

 B2B1CA

 B2B1DC

 B2B1ED

# Harmonies

## Analogous

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



DAA14F



AFB14E



7ABC68

# Triad

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



AFB14E



00C0EE



F787C4

# Complementary

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



AFB14E



504EB1

# 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.



CF96ED



AFB14E



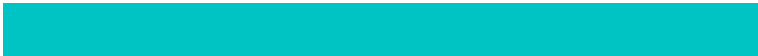
00B7FF

# Square

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



AFB14E



00C3C4



8BA8FF



FF8594

# Rectangle

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



AFB14E



4BC184



8BA8FF



ED8BD3



# Sweetspot

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



AFB14E



E5E6BE



B1504E



72735C



F2F2F2



737373



# Same Dimension

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



AFB14E



E2E64C



7EB14E



595950



969900



191A00



# Inverse Universe

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



504EB1



4F4CE6



814EB1



515059



030099



01001A



# Previews

## White Background



This preview shows how the Hex color AFB14E looks on a white background.

## Color Contrast Check

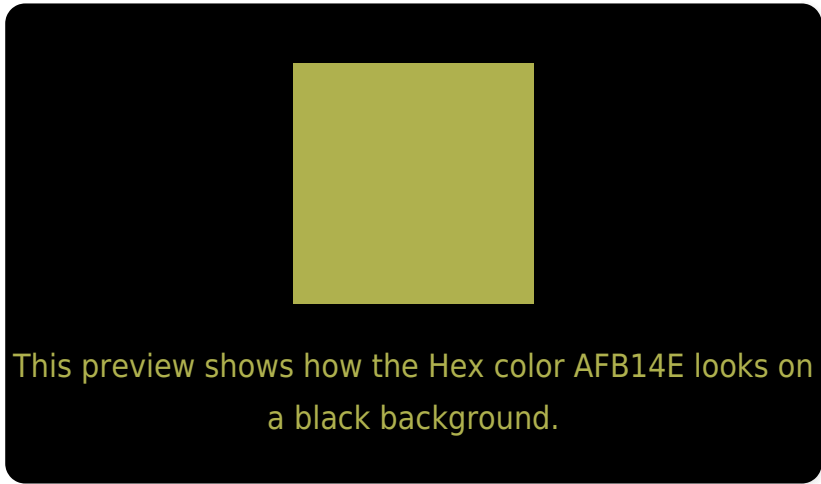
Large Text (above 18pt) WCAG AA × Fail

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 AFB14E Background



This preview shows how black text looks on a background with the Hex color AFB14E.

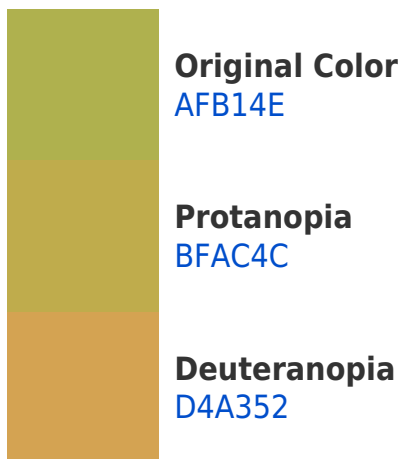


This preview shows how white text looks on a background with the Hex color AFB14E.

# 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](#).

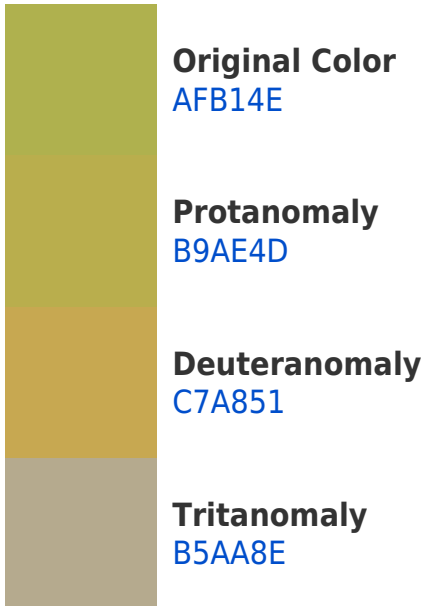
## Dichromacy





**Tritanopia**  
B9A6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AFB14E 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 #AFB14E looks like.

```
.text, #text, p{  
    color:#AFB14E  
}
```

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 #AFB14E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFB14E
}
```

## Border

The CSS property to change the border of an element to Hex AFB14E 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
#AFB14E }
```

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

```
.border{ border-color:#AFB14E }
```

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

Here you see how a box with a 4 pixel #AFB14E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFB14E; -webkit-box-shadow:4px 4px  
4px 4px #AFB14E; box-shadow:4px 4px 4px  
4px #AFB14E }
```

# Background

The CSS property to change the background color of an element to Hex AFB14E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFB14E }
```

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

```
.background{ background-color:#AFB14E }
```

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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