

Converting Colors

Hex(AFB12E)

Have a look what the booklet for
Hex(AFB12E) contains.

Hex(AFB12E)	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(AFB12E)

Conversions

Conversions Part 1

Format	Color
Hex	AFB12E
RGB	175, 177, 46
RGB Percent	69%, 69%, 18%
CMY	0.3137, 0.3059, 0.8196
CMYK	0.01, 0.00, 0.74, 0.31
HSL	61°, 59%, 44%
HSV	61°, 74%, 69%
XYZ	33.8945, 40.7555, 8.6649
YIQ	161.4680, 40.8590, -41.1650

Conversions

Conversions Part 2

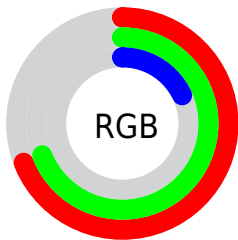
Format	Color
RYB	46, 177, 48
Decimal	11514158
CIELab	70.00, -16.14, 62.26
CIELCh	70, 64.315, 104.534
Yxy	40.7555, 0.4068, 0.4892
Android (android.graphics.Color)	4289704238 (0xFFAFB12E)
YUV	161.4680, -56.9257, 11.8676
Hunter-Lab	63.8400, -16.9494, 36.6407

Details

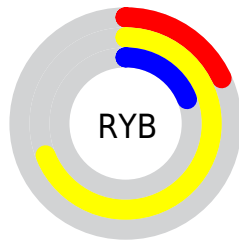
The Hex color **AFB12E** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **302EB1**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **E9E866**, and **777D00** is the 20% darker color. If you saturate the color by 10%, you get **AFB11C**, and if you desaturate by 10%, it is **AFB140**.

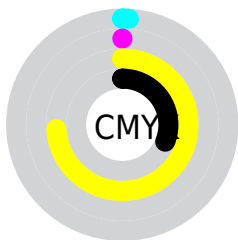
Distribution



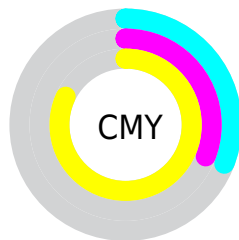
- Red (69%)
- Green (69%)
- Blue (18%)



- Red (18%)
- Yellow (69%)
- Blue (19%)



- Cyan (1%)
- Magenta (0%)
- Yellow (74%)
- Black (31%)



- Cyan (31%)
- Magenta (31%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color AFB12E 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 AFB12E by changing the saturation by 10% instead.



AFB12E



AFB12E

FFFFFF



939607



E9E866



777D00



FFFF81



5C6400



FFFF9D



414C00



FFFFB9



273600



FFFFD6



0D2000



FFFFF3



000000



AFB12E



AFB12E



AFB11C



AFB140

 AEB10B

 B0B151

 AEB100

 B0B163

 B0B175

 B0B187

 B1B198

 B1B1AA

 B1B1BC

 B1B1CD

Harmonies

Analogous

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



E39D34



AFB12E



6CBE53

Triad

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



AFB12E



00C4FC



FF7ACC

Complementary

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



AFB12E



302EB1

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.



D38FFF



AFB12E



00BAFF

Square

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



AFB12E



00C7C7



71A8FF



FF7691

Rectangle

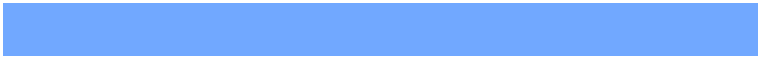
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



AFB12E



15C476



71A8FF



F980DE

Sweetspot

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



AFB12E



E5E6B3



B12E2E



727355



F2F2F2



737373

Same Dimension

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



AFB12E



E2E619



70B12E



595950



979900



191A00

Inverse Universe

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



302EB1



1C19E6



702EB1



505059



020099



00001A

Previews

White Background



This preview shows how the Hex color AFB12E looks on a white background.

Color Contrast Check

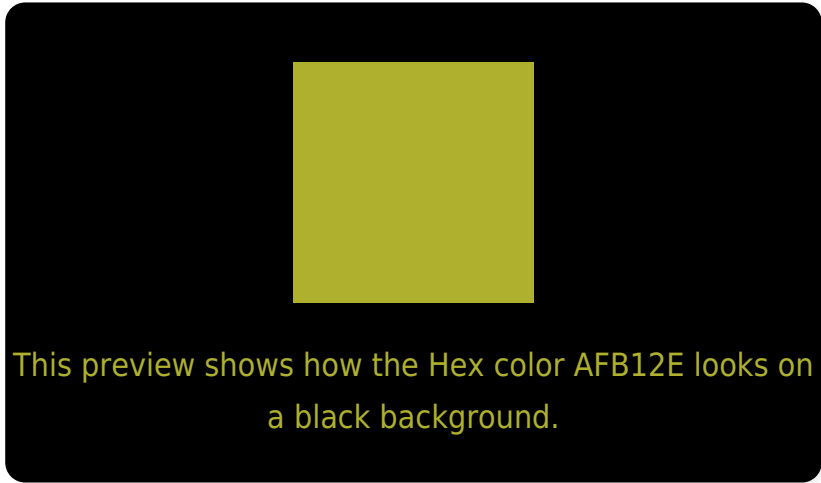
Large Text (above 18pt) WCAG AA × Fail

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 AFB12E Background



This preview shows how black text looks on a background with the Hex color AFB12E.

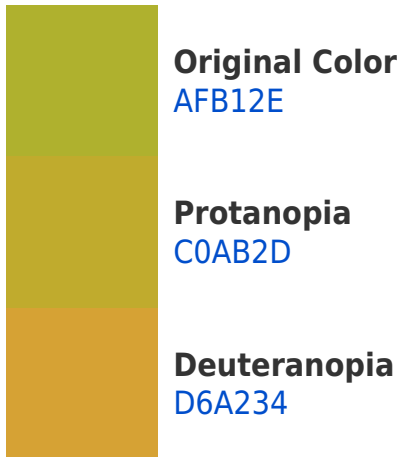


This preview shows how white text looks on a background with the Hex color AFB12E.

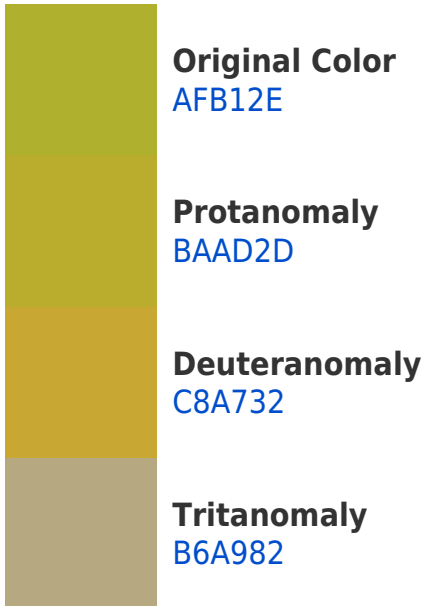
Color Blindness Simulation

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](#).

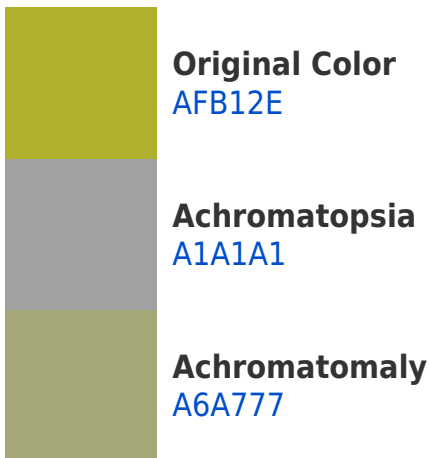
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AFB12E 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 #AFB12E looks like.

```
.text, #text, p{  
    color:#AFB12E  
}
```

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 #AFB12E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFB12E
}
```

Border

The CSS property to change the border of an element to Hex AFB12E 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
#AFB12E }
```

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

```
.border{ border-color:#AFB12E }
```

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

Here you see how a box with a 4 pixel #AFB12E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFB12E; -webkit-box-shadow:4px 4px  
4px 4px #AFB12E; box-shadow:4px 4px 4px  
4px #AFB12E }
```

Background

The CSS property to change the background color of an element to Hex AFB12E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFB12E }
```

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

```
.background{ background-color:#AFB12E }
```

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