

Converting Colors

Hex(AFAE33)

Have a look what the booklet for
Hex(AFAE33) contains.

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Color

Hex(AFAE33)

Conversions

Conversions Part 1

Format	Color
Hex	AFAE33
RGB	175, 174, 51
RGB Percent	69%, 68%, 20%
CMY	0.3137, 0.3176, 0.8000
CMYK	0.00, 0.01, 0.71, 0.31
HSL	60°, 55%, 44%
HSV	60°, 71%, 69%
XYZ	33.4128, 39.6251, 9.0193
YIQ	160.2770, 40.0790, -38.0410

Conversions

Conversions Part 2

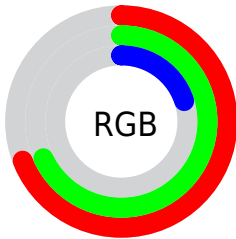
Format	Color
RYB	52, 175, 51
Decimal	11513395
CIELab	69.20, -14.37, 59.72
CIElCh	69, 61.420, 103.528
Yxy	39.6251, 0.4072, 0.4829
Android (android.graphics.Color)	4289703475 (0xFFFAFAE33)
YUV	160.2770, -53.8736, 12.9121
Hunter-Lab	62.9485, -15.4127, 35.5688

Details

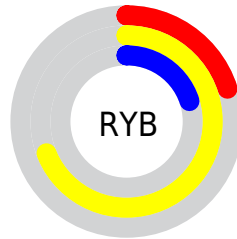
The Hex color **AFAE33** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **3334AF**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **E9E56A**, and **777A00** is the 20% darker color. If you saturate the color by 10%, you get **AFAE22**, and if you desaturate by 10%, it is **AFAE45**.

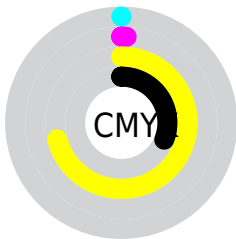
Distribution



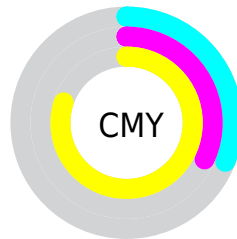
- Red (69%)
- Green (68%)
- Blue (20%)



- Red (20%)
- Yellow (69%)
- Blue (20%)



- Cyan (0%)
- Magenta (1%)
- Yellow (71%)
- Black (31%)



- Cyan (31%)
- Magenta (32%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color AFAE33 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 AFAE33 by changing the saturation by 10% instead.

 AFAE33

 AFAE33

FFFFFF

 939412

 E9E56A

 777A00

 FFFF85

 5C6100

 FFFFA0

 424A00

 FFFFBC

 283300

 FFFFD9

 0E1E00

 FFFFF6

 000000

 AFAE33

 AFAE33

 AFAE22

 AFAE45

 AFAE10

 AFAE56

 AFAE00

 AFAE68

 AFAF79

 AFAF8B

 AFAF9C

 AFAFAE

 AFAFBF

 AFAFD1

Harmonies

Analogous

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



E09B39



AFAE33



70BB54

Triad

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



AFAE33



00C1F4



FF7BCA

Complementary

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



AFAE33



3334AF

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.



CD90FA



AFAE33



00B8FF

Square

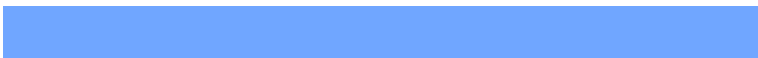
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



AFAE33



00C4C1



70A6FF



FF7792

Rectangle

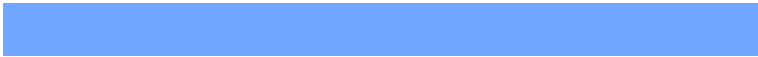
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



AFAE33



2CC075



70A6FF



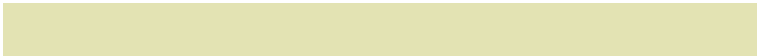
F281DC

Sweetspot

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



AFAE33



E3E3B3



AF3335



737356



F2F2F2



737373

Same Dimension

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



AFAE33



E3E122



73AF33



57574E



969500



171700

Inverse Universe

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



3334AF



2224E3



6F33AF



4E4E57



000196



000017

Previews

White Background



This preview shows how the Hex color AFAE33 looks on a white background.

Color Contrast Check

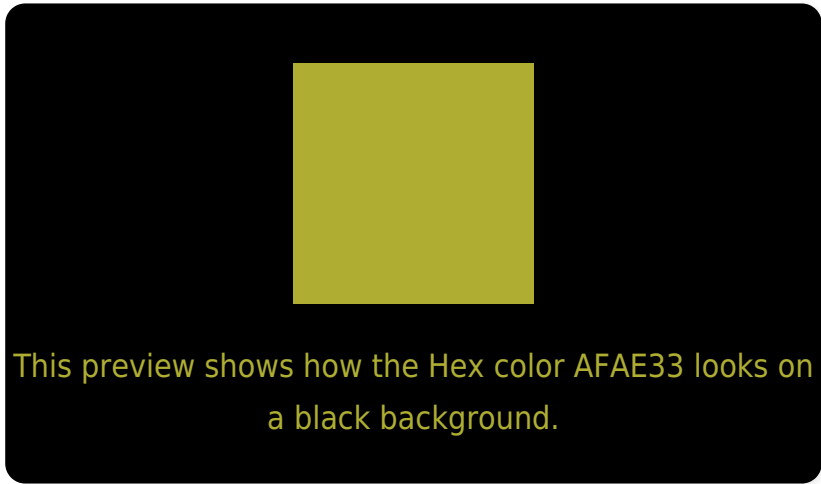
Large Text (above 18pt) WCAG AA × Fail

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 AFAE33 Background



This preview shows how black text looks on a background with the Hex color AFAE33.



This preview shows how white text looks on a background with the Hex color AFAE33.

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



Original Color
AFAE33

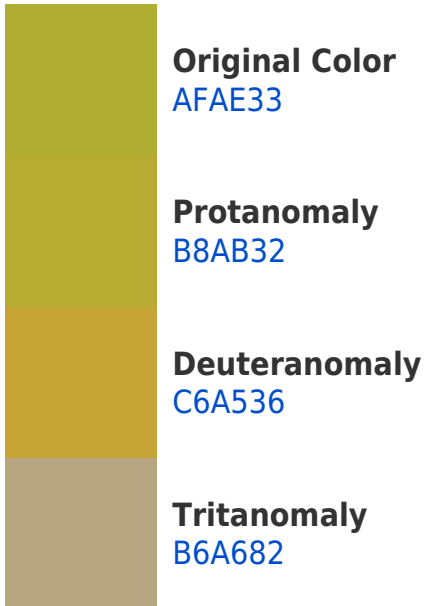
Protanopia
BDA932

Deuteranopia
D3A038

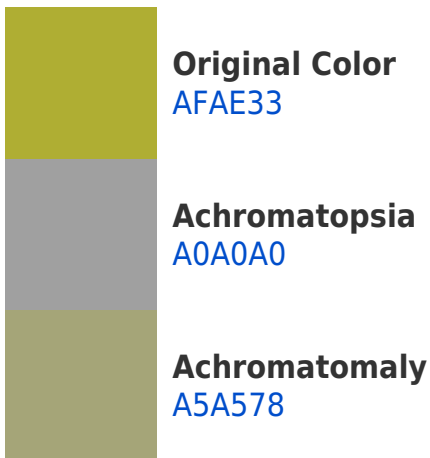


Tritanopia
BAA2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AFAE33 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 #AFAE33 looks like.

```
.text, #text, p{  
    color:#AFAE33  
}
```

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 #AFAE33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFAE33
}
```

Border

The CSS property to change the border of an element to Hex AFAE33 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
#AFAE33 }
```

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

```
.border{ border-color:#AFAE33 }
```

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

Here you see how a box with a 4 pixel #AFAE33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFAE33; -webkit-box-shadow:4px 4px  
4px 4px #AFAE33; box-shadow:4px 4px 4px  
4px #AFAE33 }
```

Background

The CSS property to change the background color of an element to Hex AFAE33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFAE33 }
```

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

```
.background{ background-color:#AFAE33 }
```

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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