

Converting Colors

Hex(AAFF33)

Have a look what the booklet for
Hex(AAFF33) contains.

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Color

Hex(AAFF33)

Conversions

Conversions Part 1

Format	Color
Hex	AAFF33
RGB	170, 255, 51
RGB Percent	67%, 100%, 20%
CMY	0.3333, 0.0000, 0.8000
CMYK	0.33, 0.00, 0.80, 0.00
HSL	85°, 100%, 60%
HSV	85°, 80%, 100%
XYZ	52.9351, 80.3051, 15.8424
YIQ	206.3290, 14.8240, -81.4640

Conversions

Conversions Part 2

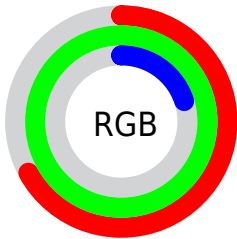
Format	Color
RYB	51, 255, 136
Decimal	11206451
CIELab	91.82, -53.37, 80.71
CIELCh	92, 96.759, 123.477
Yxy	80.3051, 0.3551, 0.5387
Android (android.graphics.Color)	4289396531 (0xFFAAFF33)
YUV	206.3290, -76.5772, -31.8605
Hunter-Lab	89.6131, -51.3817, 52.2475

Details

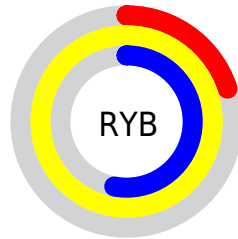
The Hex color **AAFF33** is a light color, and the websafe version is hex **99FF33**. The color can be described as light washed chartreuse. A complement of this color would be **8833FF**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **E6FF73**, and **6EC600** is the 20% darker color. If you saturate the color by 10%, you get **9FFF19**, and if you desaturate by 10%, it is **B5FF4D**.

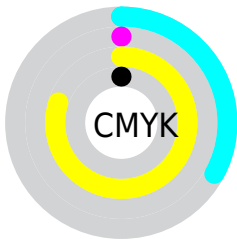
Distribution



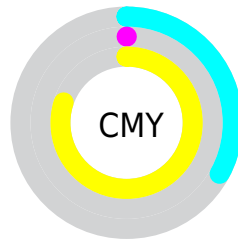
- Red (67%)
- Green (100%)
- Blue (20%)



- Red (20%)
- Yellow (100%)
- Blue (53%)



- Cyan (33%)
- Magenta (0%)
- Yellow (80%)
- Black (0%)



- Cyan (33%)
- Magenta (0%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color AAF33 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 AAF33 by changing the saturation by 10% instead.

 AAFF33

FFFFFF

 E6FF73

 FFFF90

 FFFFAE

 FFFFCB

 FFFF E9

 AAFF33

 8CE200

 6EC600

 4FAA00

 2D8F00

 007500

 005B00

 004300

 002D00

 000C00

 AAFF33

 AAFF33

 9FFF19

 B5FF4D

 95FF00

 BFFF66

 CAFF80

 D5FF99

 DFFFB3

 EAFFCC

 F4FFE6

FFFFFF

Harmonies

Analogous

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



FFE700



AAFF33



00FF90

Triad

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



A AFF33



00FFFF



FF85E1

Complementary

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



AAFF33



8833FF

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.



FF9EFF



AAFF33



00EFFF

Square

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



AAFF33



00FFFF



F4CAFF



FF9A86

Rectangle

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



AAFF33



00FFCF



F4CAFF



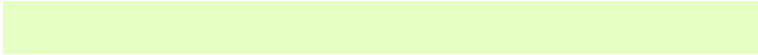
FF89FF

Sweetspot

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



A AFF33



E6FFC2



FF8833



70805B



000000



808080

Same Dimension

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



AAFF33



99FF0A



44FF33



7A8073



70BF00



254000

Inverse Universe

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



8833FF



700AFF



EE33FF



787380



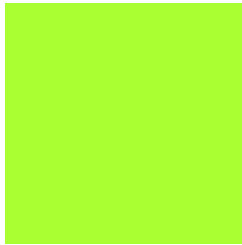
5000BF



1B0040

Previews

White Background



This preview shows how the Hex color AAF333 looks on a white background.

Color Contrast Check

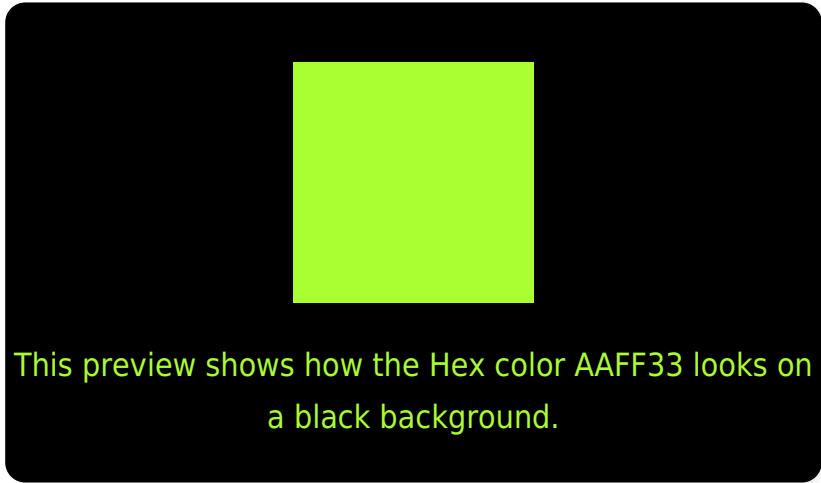
Large Text (above 18pt) WCAG AA × Fail

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

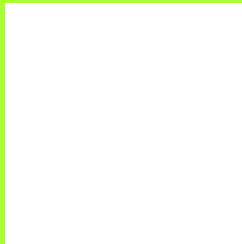
Any Text WCAG AAA ✓ Pass

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

Hex AAF333 Background



This preview shows how black text looks on a background with the Hex color AAF333.

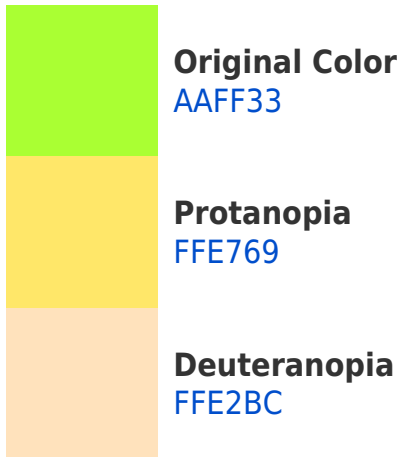


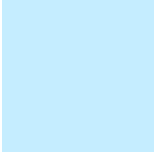
This preview shows how white text looks on a background with the Hex color AAF333.

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](#).

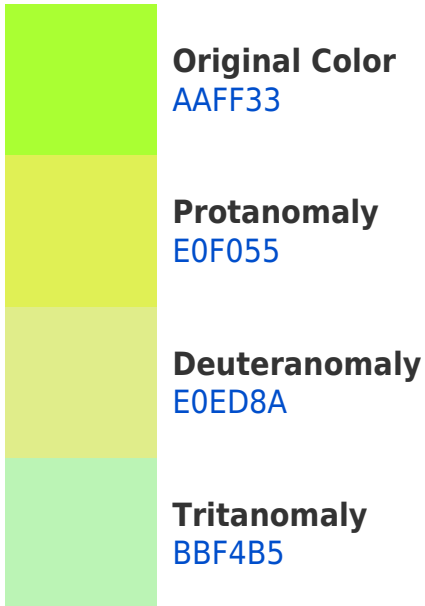
Dichromacy



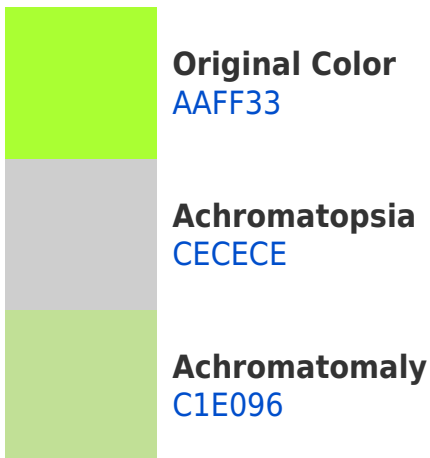


Tritanopia
C5EDFF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AAFF33 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 #AAFF33 looks like.

```
.text, #text, p{  
    color:#AAFF33  
}
```

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 #A AFF33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A AFF33  
}
```

Border

The CSS property to change the border of an element to Hex A AFF33 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  
#A AFF33 }
```

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

```
.border{ border-color:#AAFF33 }
```

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

Here you see how a box with a 4 pixel #AAFF33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAFF33; -webkit-box-shadow:4px 4px  
4px 4px #AAFF33; box-shadow:4px 4px 4px  
4px #AAFF33 }
```

Background

The CSS property to change the background color of an element to Hex AAFF33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAFF33 }
```

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

```
.background{ background-color:#AAFF33 }
```

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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