

Converting Colors

Hex(AF33FF)

Have a look what the booklet for
Hex(AF33FF) contains.

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Color

Hex(AF33FF)

Conversions

Conversions Part 1

Format	Color
Hex	AF33FF
RGB	175, 51, 255
RGB Percent	69%, 20%, 100%
CMY	0.3137, 0.8000, 0.0000
CMYK	0.31, 0.80, 0.00, 0.00
HSL	276°, 100%, 60%
HSV	276°, 80%, 100%
XYZ	36.9130, 18.7016, 96.2720
YIQ	111.3320, 8.4200, 89.7320

Conversions

Conversions Part 2

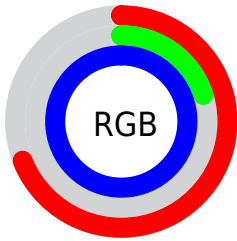
Format	Color
RYB	175, 51, 255
Decimal	11482111
CIELab	50.34, 78.86, -77.59
CIElCh	50, 110.631, 315.468
Yxy	18.7016, 0.2430, 0.1231
Android (android.graphics.Color)	4289672191 (0xFFAF33FF)
YUV	111.3320, 70.8283, 55.8368
Hunter-Lab	43.2454, 76.6832, -101.7185

Details

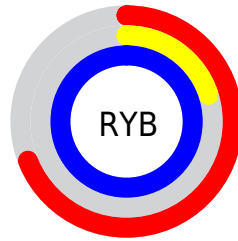
The Hex color **AF33FF** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **83FF33**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **EC70FF**, and **7200C5** is the 20% darker color. If you saturate the color by 10%, you get **A519FF**, and if you desaturate by 10%, it is **B94DFF**.

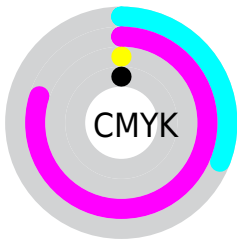
Distribution



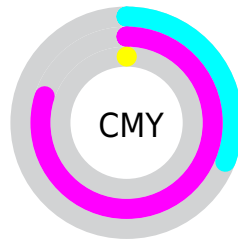
- Red (69%)
- Green (20%)
- Blue (100%)



- Red (69%)
- Yellow (20%)
- Blue (100%)



- Cyan (31%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (80%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF33FF 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 AF33FF by changing the saturation by 10% instead.

 AF33FF

 AF33FF

FFFFFF

 9100E2

 EC70FF

 7200C5

 FF8DFF

 5300A9

 FFAAFF

 31008D

 FFC7FF

 040073

 FFE5FF

 000059

 000741

 00032A

 000114

 AF33FF

 AF33FF

 A519FF

 B94DFF

 9B00FF

 C366FF

 CD80FF

 D799FF

 E1B3FF

 EBCCFF

 F5E6FF

FFFFFF

Harmonies

Analogous

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



0076FF



AF33FF



FF00AA

Triad

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



AF33FF



B76200



009AA8

Complementary

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



AF33FF



83FF33

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.



009844



AF33FF



648300

Square

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



AF33FF



F30000



009200



009AFF

Rectangle

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



AF33FF



FF006C



009200



009A88

Sweetspot

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



AF33FF



E7C2FF



3385FF



715B80



000000



808080

Same Dimension

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



AF33FF



9F0AFF



FF33EB



7A7380



7400BF



270040

Inverse Universe

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



FF3383



FF0A6A



33FF47



807378



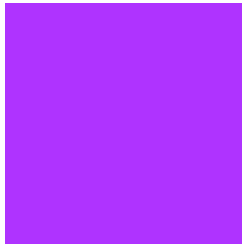
BF004B



400019

Previews

White Background



This preview shows how the Hex color AF33FF looks on a white background.

Color Contrast Check

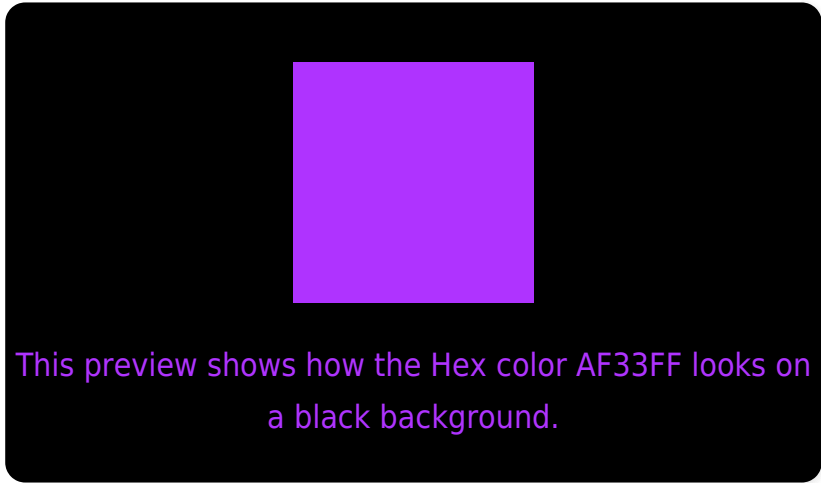
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex AF33FF Background



This preview shows how black text looks on a background with the Hex color AF33FF.



This preview shows how white text looks on a background with the Hex color AF33FF.

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
AF33FF

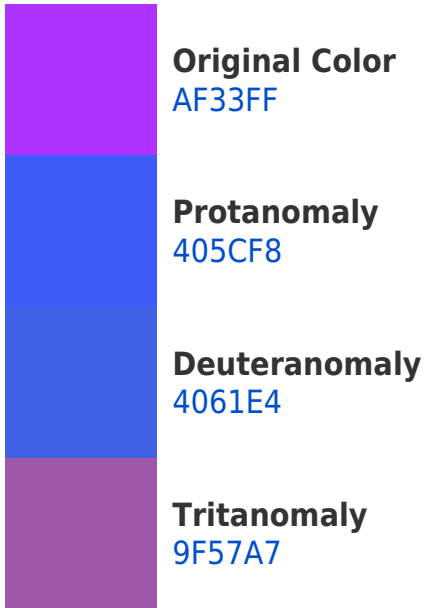
Protanopia
0074F4

Deuteranopia
007BD4



Tritanopia
966C74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AF33FF 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 #AF33FF looks like.

```
.text, #text, p{  
    color:#AF33FF  
}
```

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 #AF33FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF33FF
}
```

Border

The CSS property to change the border of an element to Hex AF33FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

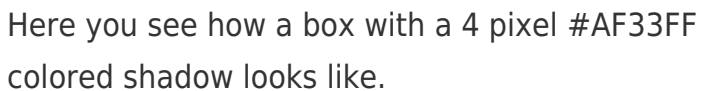
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AF33FF }
```

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

```
.border{ border-color:#AF33FF }
```

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



Here you see how a box with a 4 pixel #AF33FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF33FF; -webkit-box-shadow:4px 4px  
4px 4px #AF33FF; box-shadow:4px 4px 4px  
4px #AF33FF }
```

Background

The CSS property to change the background color of an element to Hex AF33FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF33FF }
```

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

```
.background{ background-color:#AF33FF }
```

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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