

Converting Colors

Hex(AAFF43)

Have a look what the booklet for
Hex(AAFF43) contains.

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Color

Hex(AAFF43)

Conversions

Conversions Part 1

Format	Color
Hex	AAFF43
RGB	170, 255, 67
RGB Percent	67%, 100%, 26%
CMY	0.3333, 0.0000, 0.7373
CMYK	0.33, 0.00, 0.74, 0.00
HSL	87°, 100%, 63%
HSV	87°, 74%, 100%
XYZ	53.3507, 80.4713, 18.0308
YIQ	208.1530, 9.6880, -76.4880

Conversions

Conversions Part 2

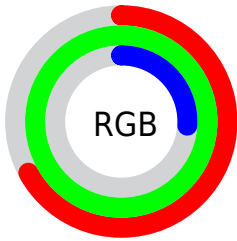
Format	Color
RYB	67, 255, 152
Decimal	11206467
CIELab	91.90, -52.62, 76.20
CIElCh	92, 92.602, 124.627
Yxy	80.4713, 0.3513, 0.5299
Android (android.graphics.Color)	4289396547 (0xFFAAFF43)
YUV	208.1530, -69.5884, -33.4602
Hunter-Lab	89.7058, -50.8259, 50.8768

Details

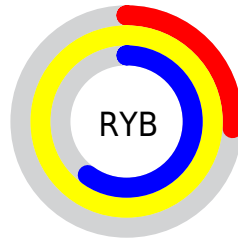
The Hex color **AAFF43** is a light color, and the websafe version is hex **99FF33**. The color can be described as light washed chartreuse. A complement of this color would be **9843FF**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **E6FF7F**, and **6FC600** is the 20% darker color. If you saturate the color by 10%, you get **9EFF29**, and if you desaturate by 10%, it is **B6FF5C**.

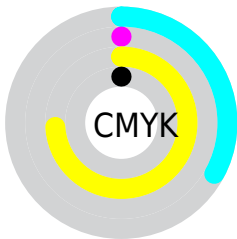
Distribution



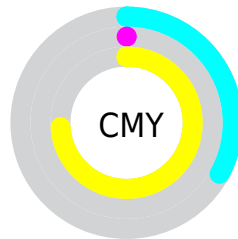
- Red (67%)
- Green (100%)
- Blue (26%)



- Red (26%)
- Yellow (100%)
- Blue (60%)



- Cyan (33%)
- Magenta (0%)
- Yellow (74%)
- Black (0%)



- Cyan (33%)
- Magenta (0%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color AAF43 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 AAF43 by changing the saturation by 10% instead.

 AAFF43

 AAFF43

FFFFFF

 8CE21E

 E6FF7F

 6FC600

 FFFF9C

 50AA00

 FFFFB9

 2F8F00

 FFFFD6

 007500

 FFFFF4

 005B00

 004300

 002D00

 000D00

 AAFF43

 AAFF43

 9EFF29

 B6FF5C

 93FF10

 C1FF76

 8CFF00

 CDFF90

 D8FFA9

 E4FFC3

 EFFFDC

 FBFFF5

FFFFFF

Harmonies

Analogous

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



FFE800



AAFF43



00FF97

Triad

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



AAFF43



00FFFF



FF8DDE

Complementary

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



AAFF43



9843FF

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.



FFA1FF



AAFF43



00EEFF

Square

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



AAFF43



00FFFF



FACAFF



FFA188

Rectangle

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



AAFF43



00FFD4



FACAFF



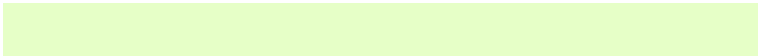
FF8FFC

Sweetspot

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



A AFF43



E6FFC7



FF9843



71805E



000000



808080

Same Dimension

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



AAFF43



9AFF1F



4CFF43



7A8073



69BF00



234000

Inverse Universe

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



9843FF



841FFF



F643FF



797380



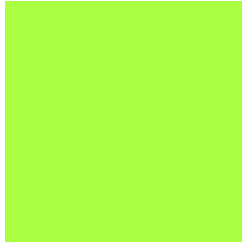
5600BF



1D0040

Previews

White Background



This preview shows how the Hex color AAFF43 looks on a white background.

Color Contrast Check

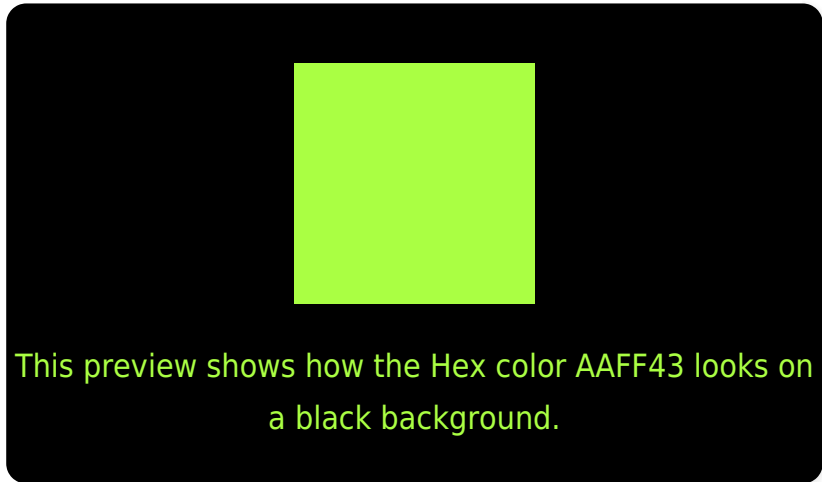
Large Text (above 18pt) WCAG AA × Fail

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

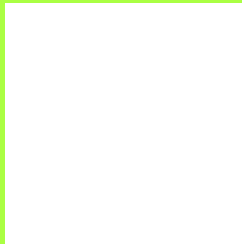
Any Text WCAG AAA ✓ Pass

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

Hex AAF43 Background



This preview shows how black text looks on a background with the Hex color AAF43.

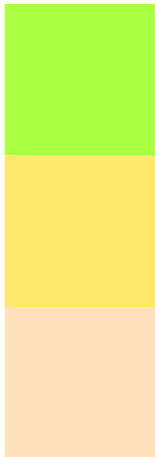


This preview shows how white text looks on a background with the Hex color AAF43.

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
AAFF43

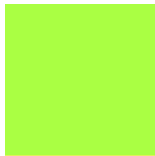
Protanopia
FFE76C

Deuteranopia
FFE2BD

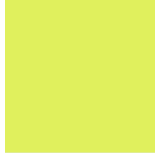


Tritanopia
C6EDFF

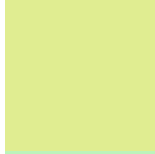
Trichromacy



Original Color
AAFF43



Protanomaly
E0F05D

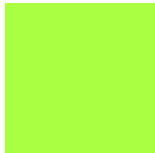


Deuteranomaly
E0ED91

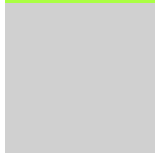


Tritanomaly
BCF4BB

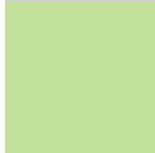
Monochromacy



Original Color
AAFF43



Achromatopsia
D0D0D0



Achromatomaly
C2E19D

CSS Examples

Text

The CSS property to change the color of the text to Hex AAFF43 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 #AAFF43 looks like.

```
.text, #text, p{  
    color:#AAFF43  
}
```

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 AFF43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A AFF43
}
```

Border

The CSS property to change the border of an element to Hex A AFF43 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 AFF43 }
```

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

```
.border{ border-color:#AAFF43 }
```

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

Here you see how a box with a 4 pixel #AAFF43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAFF43; -webkit-box-shadow:4px 4px  
4px 4px #AAFF43; box-shadow:4px 4px 4px  
4px #AAFF43 }
```

Background

The CSS property to change the background color of an element to Hex AAFF43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAFF43 }
```

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

```
.background{ background-color:#AAFF43 }
```

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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