

Converting Colors

Hex(AAFC36)

Have a look what the booklet for
Hex(AAFC36) contains.

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Color

Hex(AAFC36)

Conversions

Conversions Part 1

Format	Color
Hex	AAFC36
RGB	170, 252, 54
RGB Percent	67%, 99%, 21%
CMY	0.3333, 0.0118, 0.7882
CMYK	0.33, 0.00, 0.79, 0.01
HSL	85°, 97%, 60%
HSV	85°, 79%, 99%
XYZ	52.0538, 78.4332, 15.8856
YIQ	204.9100, 14.6860, -78.9620

Conversions

Conversions Part 2

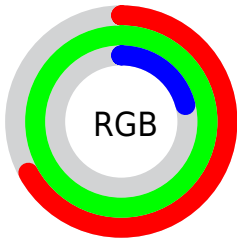
Format	Color
RYB	54, 252, 136
Decimal	11205686
CIELab	90.98, -52.03, 79.16
CIELCh	91, 94.724, 123.317
Yxy	78.4332, 0.3556, 0.5358
Android (android.graphics.Color)	4289395766 (0xFFAAFC36)
YUV	204.9100, -74.3986, -30.6161
Hunter-Lab	88.5625, -50.0686, 51.3588

Details

The Hex color **AAFC36** 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 **8836FC**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **E6FF75**, and **6EC300** is the 20% darker color. If you saturate the color by 10%, you get **A0FC1D**, and if you desaturate by 10%, it is **B4FC4F**.

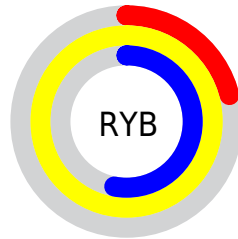
Distribution



Red (67%)

Green (99%)

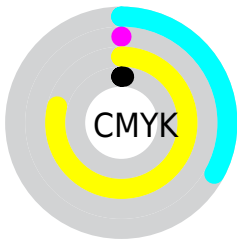
Blue (21%)



Red (21%)

Yellow (99%)

Blue (53%)

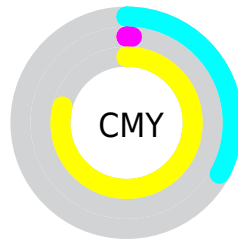


Cyan (33%)

Magenta (0%)

Yellow (79%)

Black (1%)



Cyan (33%)

Magenta (1%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color AAFC36 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 AAFC36 by changing the saturation by 10% instead.

 AAFC36

 AAFC36

FFFFFF

 8CDF00

 E6FF75

 6EC300

 FFFF92

 50A700

 FFFFAF

 2E8C00

 FFFFCD

 007200

 FFFFEA

 005900

 004000

 002A00

 000700

 AAFC36

 AAFC36

 A0FC1D

 B4FC4F

 95FC04

 BFFC68

 94FC00

 C9FC82

 D4FC9B

 DEFCB4

 E9FCCD

 F3FCE6

 FDFCFF

 FFFCFF

Harmonies

Analogous

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



FFE400



AAFC36



00FF8F

Triad

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



AAFC36



00FFFF



FF86DF

Complementary

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



AAFC36



8836FC

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



AAFC36



00EDFF

Square

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



AAFC36



00FFFF



F1C8FF



FF9A87

Rectangle

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



AAFC36



00FFCD



F1C8FF



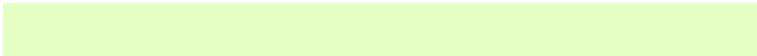
FF8AFE

Sweetspot

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



AAFC36



E6FFC2



FC8536



70805B



000000



808080

Same Dimension

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



AAFC36



9CFF0F



4AFC36



787D70



6FBD00



243D00

Inverse Universe

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



8836FC



730FFF



E836FC



76707D



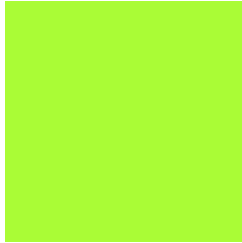
4E00BD



19003D

Previews

White Background



This preview shows how the Hex color AAFC36 looks on a white background.

Color Contrast Check

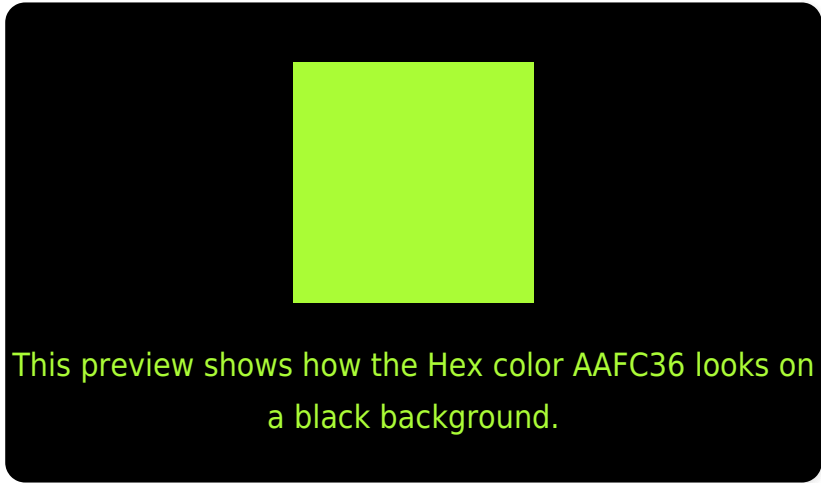
Large Text (above 18pt) WCAG AA × Fail

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

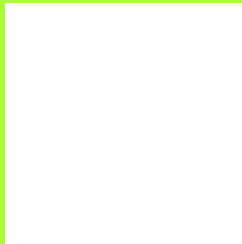
Any Text WCAG AAA ✓ Pass

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

Hex AAFC36 Background



This preview shows how black text looks on a background with the Hex color AAFC36.

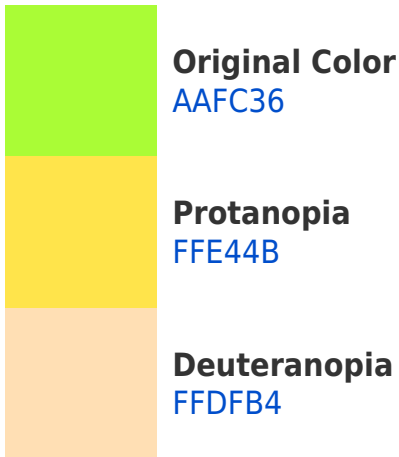


This preview shows how white text looks on a background with the Hex color AAFC36.

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



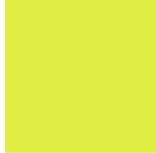


Tritanopia
C3EBFD

Trichromacy



Original Color
AAFC36



Protanomaly
E0ED43

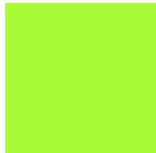


Deuteranomaly
E0EA86

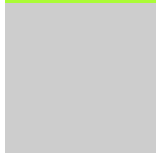


Tritanomaly
BAF1B5

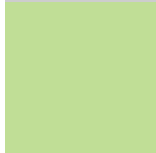
Monochromacy



Original Color
AAFC36



Achromatopsia
CDCDCD



Achromatomaly
CODE96

CSS Examples

Text

The CSS property to change the color of the text to Hex AAFC36 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 #AAFC36 looks like.

```
.text, #text, p{  
    color:#AAFC36  
}
```

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 #AAFC36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAFC36
}
```

Border

The CSS property to change the border of an element to Hex AAFC36 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
#AAFC36 }
```

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

```
.border{ border-color:#AAFC36 }
```

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

Here you see how a box with a 4 pixel #AAFC36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAFC36; -webkit-box-shadow:4px 4px  
4px 4px #AAFC36; box-shadow:4px 4px 4px  
4px #AAFC36 }
```

Background

The CSS property to change the background color of an element to Hex AAFC36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAFC36 }
```

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

```
.background{ background-color:#AAFC36 }
```

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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