

Converting Colors

Hex(ACF000)

Have a look what the booklet for
Hex(ACF000) contains.

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Color

Hex(ACF000)

Conversions

Conversions Part 1

Format	Color
Hex	ACF000
RGB	172, 240, 0
RGB Percent	67%, 94%, 0%
CMY	0.3255, 0.0588, 1.0000
CMYK	0.28, 0.00, 1.00, 0.06
HSL	77°, 100%, 47%
HSV	77°, 100%, 94%
XYZ	48.1733, 71.0908, 11.1829
YIQ	192.3080, 36.5120, -89.0560

Conversions

Conversions Part 2

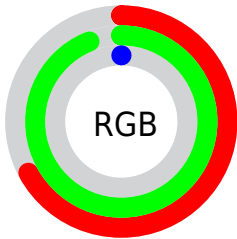
Format	Color
RYB	0, 240, 68
Decimal	11333632
CIELab	87.53, -47.60, 84.84
CIELCh	88, 97.276, 119.293
Yxy	71.0908, 0.3693, 0.5450
Android (android.graphics.Color)	4289523712 (0xFFACF000)
YUV	192.3080, -94.8078, -17.8101
Hunter-Lab	84.3154, -45.5665, 51.1570

Details

The Hex color **ACF000** is a dark color, and the websafe version is hex **CCFF33**. The color can be described as middle saturated chartreuse. A complement of this color would be **4400F0**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **E8FF5B**, and **70B800** is the 20% darker color. If you saturate the color by 10%, you get **ACF000**, and if you desaturate by 10%, it is **B3F018**.

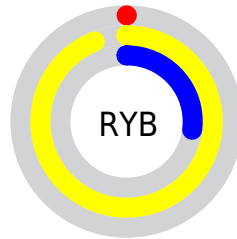
Distribution



Red (67%)

Green (94%)

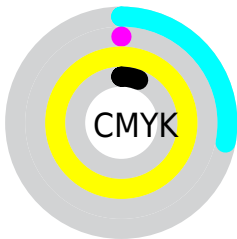
Blue (0%)



Red (0%)

Yellow (94%)

Blue (27%)

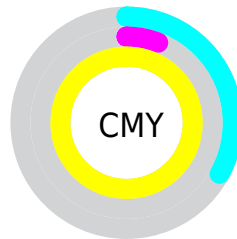


Cyan (28%)

Magenta (0%)

Yellow (100%)

Black (6%)



Cyan (33%)

Magenta (6%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color ACF000 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 ACF000 by changing the saturation by 10% instead.

 ACF000

 ACF000

FFFFFF

 8ED300

 E8FF5B

 70B800


 FFFF7A

 529C00

 FFFF97

 338200

 FFFFB5

 016800

 FFFFD3

 004F00

 FFFFF1

 003700

 002200

 000000

 ACF000

 B3F018

 BAF030

 C0F048

 C7F060

 CEF078

 D5F090

 DCF0A8

 E2F0C0

 E9F0D8

Harmonies

Analogous

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



FFD700



ACF000



00FE76

Triad

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



ACF000



00FCFF



FF77E2

Complementary

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



ACF000



4400F0

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.



FF96FF



ACF000



00E7FF

Square

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



ACF000



00FFFF



D1C4FF



FF8787

Rectangle

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



ACF000



00FFB6



D1C4FF



FF7DFF

Sweetspot

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



ACF000



E9FFB3



F04400



728052



000000



808080

Same Dimension

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



ACF000



B7FF00



34F000



74786C



84B800



283800

Inverse Universe

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



4400F0



4800FF



BC00F0



6F6C78



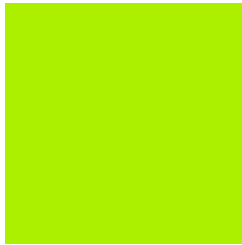
3400B8



100038

Previews

White Background



This preview shows how the Hex color ACF000 looks on a white background.

Color Contrast Check

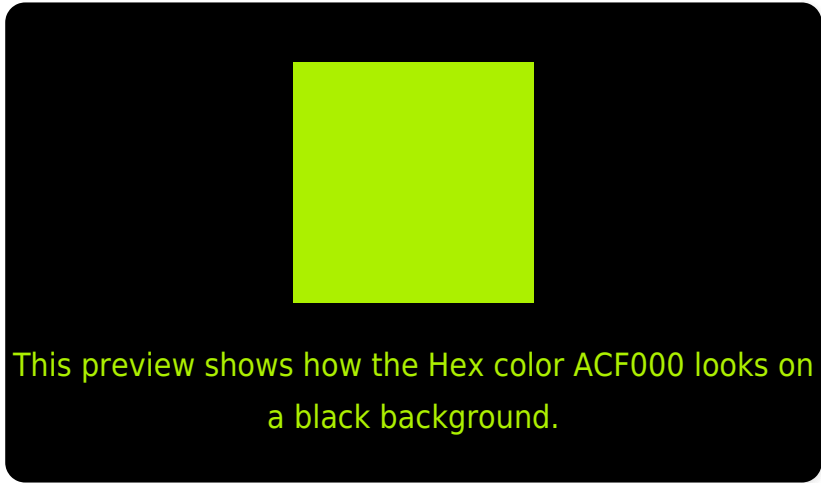
Large Text (above 18pt) WCAG AA × Fail

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 ACF000 Background



This preview shows how black text looks on a background with the Hex color ACF000.



This preview shows how white text looks on a background with the Hex color ACF000.

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
ACF000

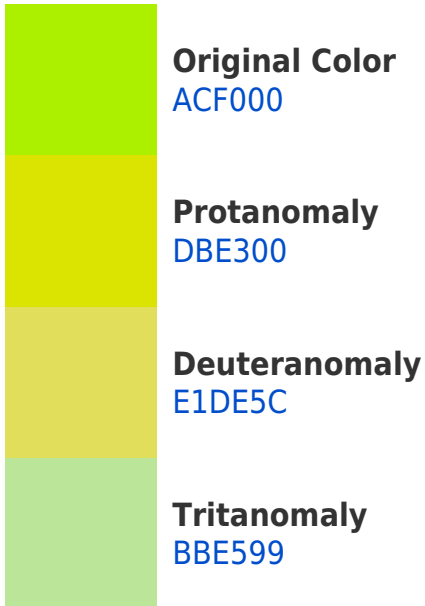
Protanopia
F6DB00

Deuteranopia
FFD491

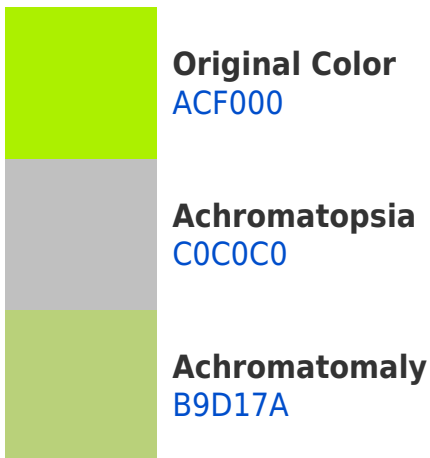


Tritanopia
C3DFF1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ACF000 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 #ACF000 looks like.

```
.text, #text, p{  
    color:#ACF000  
}
```

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 #ACF000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACF000
}
```

Border

The CSS property to change the border of an element to Hex ACF000 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
#ACF000 }
```

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

```
.border{ border-color:#ACF000 }
```

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

Here you see how a box with a 4 pixel #ACF000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACF000; -webkit-box-shadow:4px 4px  
4px 4px #ACF000; box-shadow:4px 4px 4px  
4px #ACF000 }
```

Background

The CSS property to change the background color of an element to Hex ACF000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACF000 }
```

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

```
.background{ background-color:#ACF000 }
```

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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