

Converting Colors

Hex(ACF135)

Have a look what the booklet for
Hex(ACF135) contains.

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Color

Hex(ACF135)

Conversions

Conversions Part 1

Format	Color
Hex	ACF135
RGB	172, 241, 53
RGB Percent	67%, 95%, 21%
CMY	0.3255, 0.0549, 0.7922
CMYK	0.29, 0.00, 0.78, 0.05
HSL	82°, 87%, 58%
HSV	82°, 78%, 95%
XYZ	49.1112, 71.9383, 14.6652
YIQ	198.9370, 19.2240, -73.0960

Conversions

Conversions Part 2

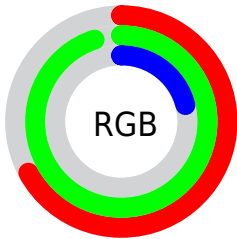
Format	Color
RYB	53, 241, 122
Decimal	11333941
CIELab	87.94, -46.79, 76.69
CIElCh	88, 89.834, 121.390
Yxy	71.9383, 0.3619, 0.5301
Android (android.graphics.Color)	4289524021 (0xFFACF135)
YUV	198.9370, -71.9469, -23.6237
Hunter-Lab	84.8164, -45.0721, 49.1200

Details

The Hex color **ACF135** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed chartreuse. A complement of this color would be **7A35F1**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **E8FF73**, and **71B800** is the 20% darker color. If you saturate the color by 10%, you get **A3F11D**, and if you desaturate by 10%, it is **B5F14D**.

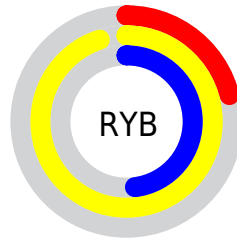
Distribution



Red (67%)

Green (95%)

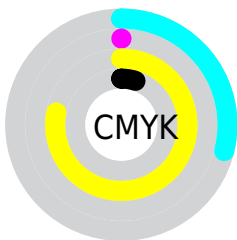
Blue (21%)



Red (21%)

Yellow (95%)

Blue (48%)

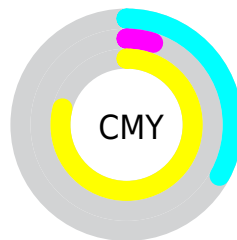


Cyan (29%)

Magenta (0%)

Yellow (78%)

Black (5%)



Cyan (33%)

Magenta (5%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color ACF135 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 ACF135 by changing the saturation by 10% instead.

 ACF135

 ACF135

FFFFFF

 8FD401

 E8FF73

 71B800

 FFFF90

 549D00

 FFFFAD

 358300

 FFFFCA

 0B6900

 FFFFEE

 005000

 003800

 002300

 000000

 ACF135

 ACF135

 A3F11D

 B5F14D

 9AF105

 BEF165

 99F100

 C7F17D

 CFF195

 D8F1AD

 E1F1C6

 EAF1DE

 F3F1F6

 FCF1FF

Harmonies

Analogous

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



FFDA00



ACF135



00FE86

Triad

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



ACF135



00FAFF



FF85DC

Complementary

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



ACF135



7A35F1

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.



FF9CFF



ACF135



00E5FF

Square

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



ACF135



00FFFF



E0C4FF



FF9489

Rectangle

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



ACF135



00FFC0



E0C4FF



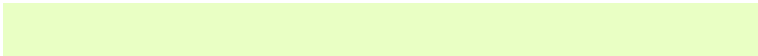
FF89F9

Sweetspot

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



ACF135



E9FFC4



F17A35



72805C



000000



808080

Same Dimension

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



ACF135



A7FF0F



4EF135



73786C



74B800



243800

Inverse Universe

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



7A35F1



670FFF



D835F1



706C78



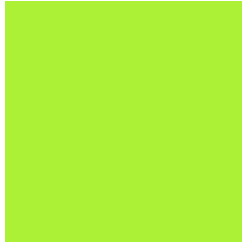
4300B8



150038

Previews

White Background



This preview shows how the Hex color ACF135 looks on a white background.

Color Contrast Check

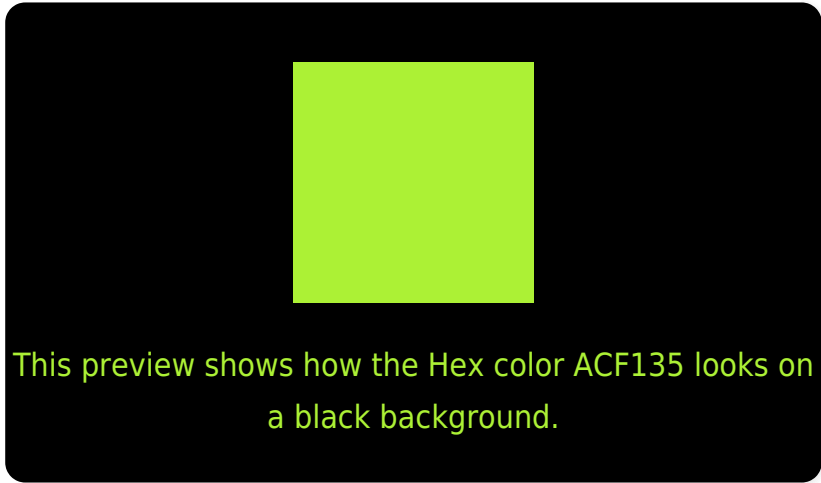
Large Text (above 18pt) WCAG AA × Fail

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 ACF135 Background



This preview shows how black text looks on a background with the Hex color ACF135.

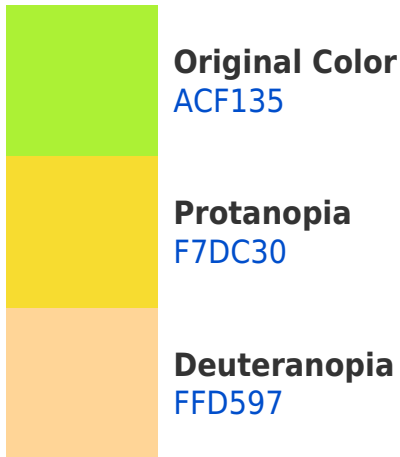


This preview shows how white text looks on a background with the Hex color ACF135.

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



Trichromacy



Original Color
ACF135



Protanomaly
DCE432



Deuteranomaly
E1DF73

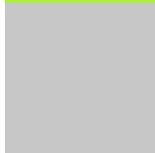


Tritanomaly
BAE7AD

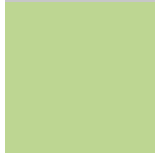
Monochromacy



Original Color
ACF135



Achromatopsia
C7C7C7



Achromatomaly
BDD692

CSS Examples

Text

The CSS property to change the color of the text to Hex ACF135 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 #ACF135 looks like.

```
.text, #text, p{  
    color:#ACF135  
}
```

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 #ACF135 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACF135
}
```

Border

The CSS property to change the border of an element to Hex ACF135 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
#ACF135 }
```

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

```
.border{ border-color:#ACF135 }
```

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

Here you see how a box with a 4 pixel #ACF135 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACF135; -webkit-box-shadow:4px 4px  
4px 4px #ACF135; box-shadow:4px 4px 4px  
4px #ACF135 }
```

Background

The CSS property to change the background color of an element to Hex ACF135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACF135 }
```

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

```
.background{ background-color:#ACF135 }
```

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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