

# Converting Colors

Hex(ACFF63)

Have a look what the booklet for  
Hex(ACFF63) contains.

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# Color

**Hex(ACFF63)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ACFF63
RGB	172, 255, 99
RGB Percent	67%, 100%, 39%
CMY	0.3255, 0.0000, 0.6118
CMYK	0.33, 0.00, 0.61, 0.00
HSL	92°, 100%, 69%
HSV	92°, 61%, 100%
XYZ	55.0254, 81.1915, 24.5758
YIQ	212.3990, 0.6080, -66.1120

# Conversions

## Conversions Part 2

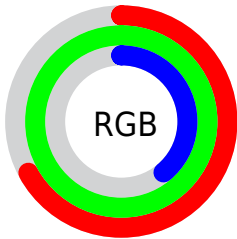
Format	Color
<a href="#">RYB</a>	<a href="#">99, 255, 182</a>
Decimal	<a href="#">11337571</a>
CIELab	<a href="#">92.22, -49.73, 64.81</a>
CIELCh	<a href="#">92, 81.691, 127.501</a>
Yxy	<a href="#">81.1915, 0.3422, 0.5049</a>
Android (android.graphics.Color)	<a href="#">4289527651 (0xFFACFF63)</a>
YUV	<a href="#">212.3990, -55.9057, -35.4299</a>
Hunter-Lab	<a href="#">90.1063, -48.6812, 46.9036</a>

# Details

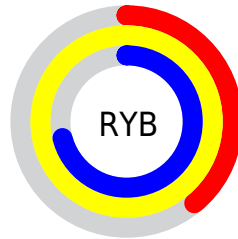
The Hex color **ACFF63** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **B663FF**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **E7FF9B**, and **72C628** is the 20% darker color. If you saturate the color by 10%, you get **9EFF49**, and if you desaturate by 10%, it is **BAFF7C**.

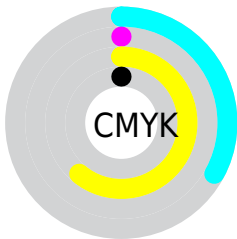
# Distribution



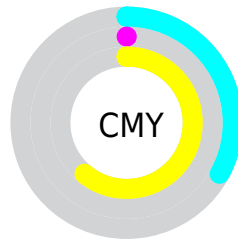
- Red (67%)
- Green (100%)
- Blue (39%)



- Red (39%)
- Yellow (100%)
- Blue (71%)



- Cyan (33%)
- Magenta (0%)
- Yellow (61%)
- Black (0%)



- Cyan (33%)
- Magenta (0%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ACFF63 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 ACFF63 by changing the saturation by 10% instead.



 ACFF63

 ACFF63

FFFFFF

 8FE247

 E7FF9B

 72C628

 FFFFB7

 55AA00

 FFFFD4

 368F00

 FFFFF1

 0C7500

 005B00

 004300

 002D00

 000F00

 ACFF63

 ACFF63

 9EFF49

 BAFF7C

 91FF30

 C7FF96

 83FF16

 D5FFB0

 77FF00

 E2FFC9

 F0FFE3

 FDFFFC

FFFFFF

# Harmonies

## Analogous

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



FFEB3B



ACFF63



00FFA9

# Triad

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



ACFF63



00FFFF



FF9FD8

# Complementary

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



ACFF63



B663FF

# 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.



FFABFF



ACFF63



64EBFF

# Square

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



ACFF63



00FFFF



FFCBFF



FFB08D

# Rectangle

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



ACFF63



00FFDF



FFCBFF



FF9FF3

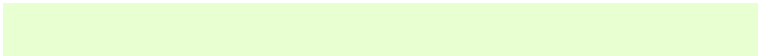


# Sweetspot

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



ACFF63



E7FFD1



FFB463



718063



000000



808080



# Same Dimension

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



ACFF63



9CFF45



63FF66



798073



59BF00



1E4000



# Inverse Universe

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



B663FF



A845FF



FF63FC



7A7380



6600BF

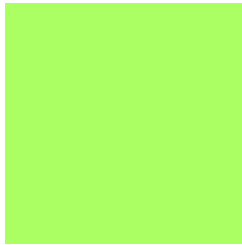


220040



# Previews

## White Background



This preview shows how the Hex color ACFF63 looks on a white background.

## Color Contrast Check

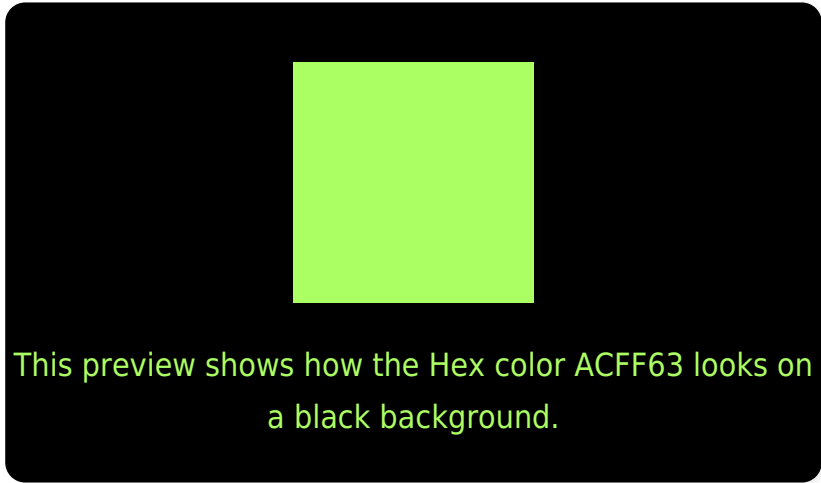
Large Text (above 18pt) WCAG AA × Fail

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

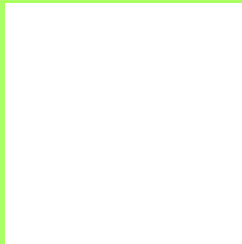
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex ACFF63 Background



This preview shows how black text looks on a background with the Hex color ACFF63.

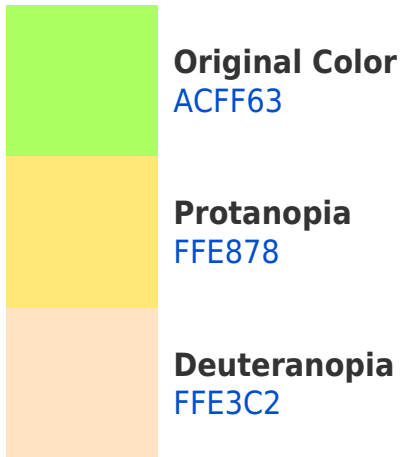


This preview shows how white text looks on a background with the Hex color ACFF63.

# 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**  
C8EEFF

# Trichromacy



**Original Color**  
ACFF63



**Protanomaly**  
E1F070

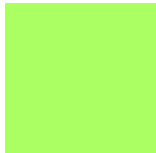


**Deuteranomaly**  
E1ED9F

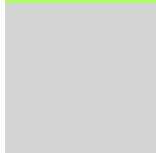


**Tritanomaly**  
BEF4C6

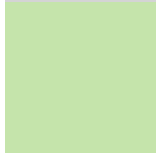
# Monochromacy



**Original Color**  
ACFF63



**Achromatopsia**  
D4D4D4



**Achromatomaly**  
C5E4AB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ACFF63 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 #ACFF63 looks like.

```
.text, #text, p{  
    color:#ACFF63  
}
```

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 #ACFF63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACFF63
}
```

## Border

The CSS property to change the border of an element to Hex ACFF63 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
#ACFF63 }
```

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

```
.border{ border-color:#ACFF63 }
```

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

Here you see how a box with a 4 pixel #ACFF63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACFF63; -webkit-box-shadow:4px 4px  
4px 4px #ACFF63; box-shadow:4px 4px 4px  
4px #ACFF63 }
```

# Background

The CSS property to change the background color of an element to Hex ACFF63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACFF63 }
```

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

```
.background{ background-color:#ACFF63 }
```

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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