

# Converting Colors

Hex(ACDF4C)

Have a look what the booklet for  
Hex(ACDF4C) contains.

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**Color**

**Hex(ACDF4C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ACDF4C
RGB	172, 223, 76
RGB Percent	67%, 87%, 30%
CMY	0.3255, 0.1255, 0.7020
CMYK	0.23, 0.00, 0.66, 0.13
HSL	81°, 70%, 59%
HSV	81°, 66%, 87%
XYZ	44.7054, 62.0678, 16.4615
YIQ	190.9930, 16.7910, -56.5290

# Conversions

## Conversions Part 2

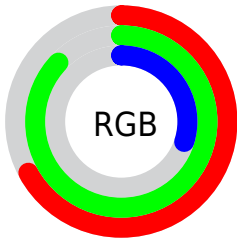
<b>Format</b>	<b>Color</b>
<b>RYB</b>	76, 223, 127
Decimal	11329356
CIELab	82.95, -37.66, 64.06
CIELCh	83, 74.308, 120.452
Yxy	62.0678, 0.3628, 0.5037
Android (android.graphics.Color)	4289519436 (0xFFACDF4C)
YUV	190.9930, -56.6915, -16.6569
Hunter-Lab	78.7831, -36.5807, 42.7597

# Details

The Hex color **ACDF4C** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **7F4CDF**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **E6FF84**, and **73A804** is the 20% darker color. If you saturate the color by 10%, you get **A4DF36**, and if you desaturate by 10%, it is **B4DF62**.

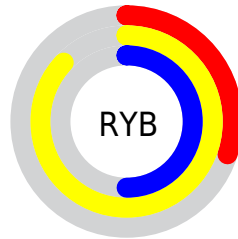
# Distribution



Red (67%)

Green (87%)

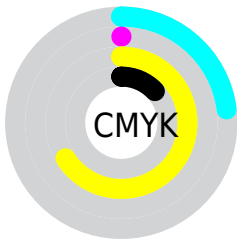
Blue (30%)



Red (30%)

Yellow (87%)

Blue (50%)

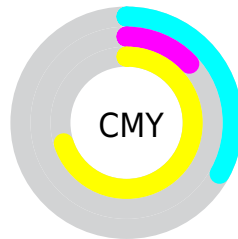


Cyan (23%)

Magenta (0%)

Yellow (66%)

Black (13%)



Cyan (33%)

Magenta (13%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ACDF4C 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 ACDF4C by changing the saturation by 10% instead.



 ACDF4C

 ACDF4C

FFFFFF

 90C32F

 E6FF84

 73A804

 FFFF9F

 588D00

 FFFFBC

 3C7300

 FFFF9F

 1E5A00

 FFFFF6

 004200

 002C00

 001200

 000000

 ACDF4C

 ACDF4C

 A4DF36

 B4DF62

 9DDF1F

 BBDF79

 95DF09

 C3DF8F

 92DF00

 CBDFA5

 D3DFBC

 DADFD2

 E2DFE8

 EADFFE

 F2DFFF

# Harmonies

## Analogous

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



F2CB34



ACDF4C



3FEB86

# Triad

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



ACDF4C



00E7FF



FF8DD0

# Complementary

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



ACDF4C



7F4CDF

# 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



ACDF4C



00D6FF

# Square

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



ACDF4C



00EFFF



D0BCFF



FF978C

# Rectangle

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



ACDF4C



00EFB5



D0BCFF



FF90E8

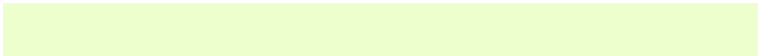


# Sweetspot

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



ACDF4C



EDFFCC



DF7D4C



758061



000000



808080



# Same Dimension

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



ACDF4C



B9FF36



65DF4C



6C7065



73B000



203000



# Inverse Universe

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



7F4CDF



7B36FF



C74CDF



696570



3D00B0



110030



# Previews

## White Background



This preview shows how the Hex color ACDF4C looks on a white background.

## Color Contrast Check

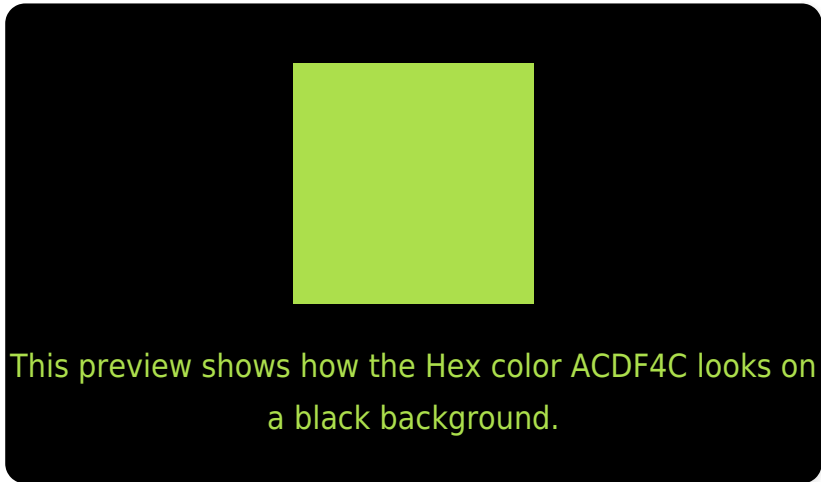
Large Text (above 18pt) WCAG AA × Fail

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 ACDF4C Background



This preview shows how black text looks on a background with the Hex color ACDF4C.

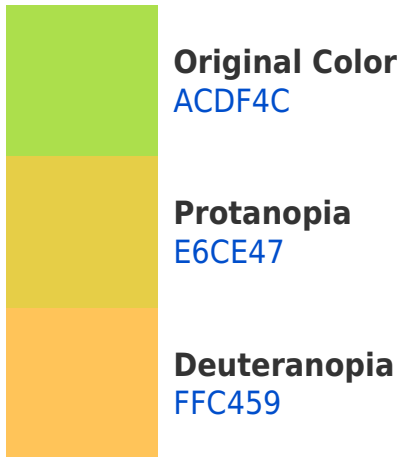


This preview shows how white text looks on a background with the Hex color ACDF4C.

# 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](#).

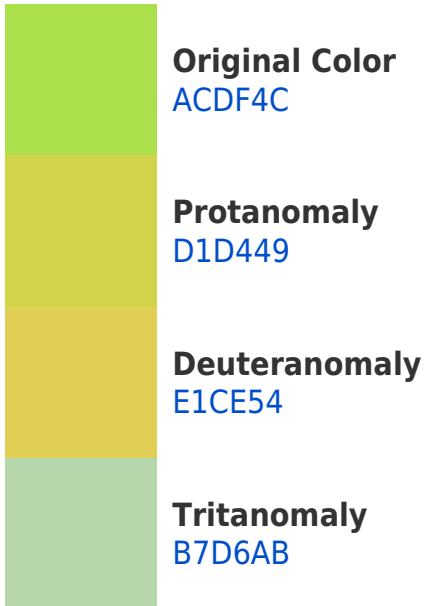
## Dichromacy



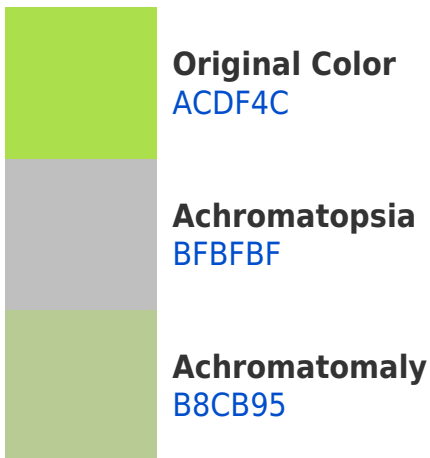


**Tritanopia**  
BED1E1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ACDF4C 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 #ACDF4C looks like.

```
.text, #text, p{  
    color:#ACDF4C  
}
```

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 #ACDF4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACDF4C
}
```

## Border

The CSS property to change the border of an element to Hex ACDF4C 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
#ACDF4C }
```

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

```
.border{ border-color:#ACDF4C }
```

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

Here you see how a box with a 4 pixel #ACDF4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACDF4C; -webkit-box-shadow:4px 4px  
4px 4px #ACDF4C; box-shadow:4px 4px 4px  
4px #ACDF4C }
```

# Background

The CSS property to change the background color of an element to Hex ACDF4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACDF4C }
```

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

```
.background{ background-color:#ACDF4C }
```

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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