

Converting Colors

Hex(ACE72E)

Have a look what the booklet for
Hex(ACE72E) contains.

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Color

Hex(ACE72E)

Conversions

Conversions Part 1

Format	Color
Hex	ACE72E
RGB	172, 231, 46
RGB Percent	67%, 91%, 18%
CMY	0.3255, 0.0941, 0.8196
CMYK	0.26, 0.00, 0.80, 0.09
HSL	79°, 79%, 54%
HSV	79°, 80%, 91%
XYZ	46.0823, 66.1197, 12.9184
YIQ	192.2690, 24.2210, -70.0430

Conversions

Conversions Part 2

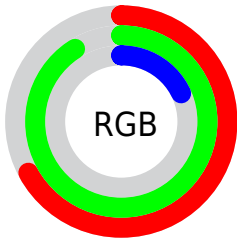
Format	Color
RYB	46, 231, 105
Decimal	11331374
CIELab	85.06, -42.80, 75.96
CIELCh	85, 87.187, 119.396
Yxy	66.1197, 0.3683, 0.5284
Android (android.graphics.Color)	4289521454 (0xFFACE72E)
YUV	192.2690, -72.1106, -17.7759
Hunter-Lab	81.3140, -41.1400, 47.5004

Details

The Hex color **ACE72E** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **692EE7**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **E7FF6C**, and **72AF00** is the 20% darker color. If you saturate the color by 10%, you get **A5E717**, and if you desaturate by 10%, it is **B3E745**.

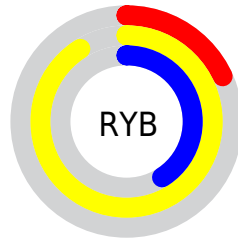
Distribution



Red (67%)

Green (91%)

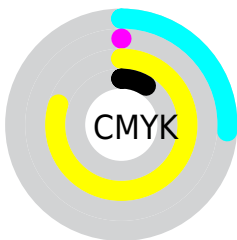
Blue (18%)



Red (18%)

Yellow (91%)

Blue (41%)

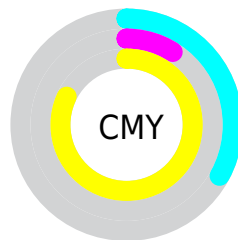


Cyan (26%)

Magenta (0%)

Yellow (80%)

Black (9%)



Cyan (33%)

Magenta (9%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color ACE72E 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 ACE72E by changing the saturation by 10% instead.

 ACE72E

 ACE72E

FFFFFF

 8FCB00

 E7FF6C

 72AF00

 FFFF89

 559400

 FFFFA6

 387A00

 FFFF83

 126100

 FFFFE1

 004800

 003100

 001A00

 000000

 ACE72E

 ACE72E

 A5E717

 B3E745

 9DE700

 BBE75C

 C2E773

 C9E78A

 D1E7A2

 D8E7B9

 E0E7D0

 E7E7E7

 EEE7FE

Harmonies

Analogous

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



FED000



ACE72E



00F47C

Triad

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



ACE72E



00F2FF



FF81DA

Complementary

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



ACE72E



692EE7

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.



FF99FF



ACE72E



00DFFF

Square

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



ACE72E



00FAFF



CEBFFF



FF8D89

Rectangle

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



ACE72E



00F9B3



CEBFFF



FF85F5

Sweetspot

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



ACE72E



EBFFC2



E7692E



74805B



000000



808080

Same Dimension

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



ACE72E



B1FF0A



50E72E



6F7367



7AB300



233300

Inverse Universe

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



692EE7



580AFF



C52EE7



6B6773



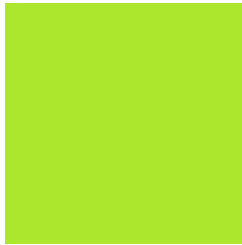
3900B3



100033

Previews

White Background



This preview shows how the Hex color ACE72E looks on a white background.

Color Contrast Check

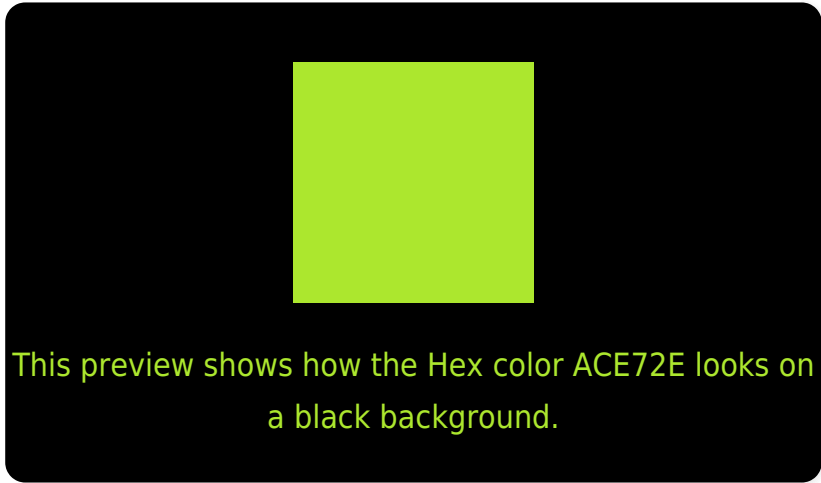
Large Text (above 18pt) WCAG AA × Fail

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 ACE72E Background



This preview shows how black text looks on a background with the Hex color ACE72E.

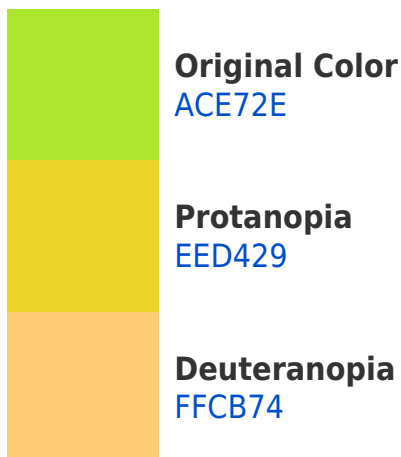


This preview shows how white text looks on a background with the Hex color ACE72E.

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](#).

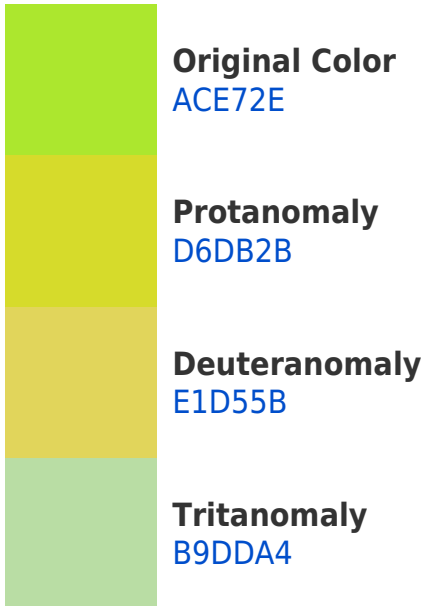
Dichromacy





Tritanopia
C0D7E8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ACE72E 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 #ACE72E looks like.

```
.text, #text, p{  
    color:#ACE72E  
}
```

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 #ACE72E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACE72E
}
```

Border

The CSS property to change the border of an element to Hex ACE72E 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
#ACE72E }
```

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

```
.border{ border-color:#ACE72E }
```

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

Here you see how a box with a 4 pixel #ACE72E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACE72E; -webkit-box-shadow:4px 4px  
4px 4px #ACE72E; box-shadow:4px 4px 4px  
4px #ACE72E }
```

Background

The CSS property to change the background color of an element to Hex ACE72E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACE72E }
```

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

```
.background{ background-color:#ACE72E }
```

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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