

Converting Colors

Hex(A1EC4A)

Have a look what the booklet for
Hex(A1EC4A) contains.

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Color

Hex(A1EC4A)

Conversions

Conversions Part 1

Format	Color
Hex	A1EC4A
RGB	161, 236, 74
RGB Percent	63%, 93%, 29%
CMY	0.3686, 0.0745, 0.7098
CMYK	0.32, 0.00, 0.69, 0.07
HSL	88°, 81%, 61%
HSV	88°, 69%, 93%
XYZ	45.9294, 68.0624, 17.1952
YIQ	195.1070, 7.3020, -66.2820

Conversions

Conversions Part 2

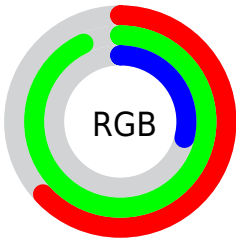
Format	Color
RYB	74, 236, 149
Decimal	10611786
CIELab	86.04, -47.45, 67.82
CIELCh	86, 82.776, 124.980
Yxy	68.0624, 0.3501, 0.5188
Android (android.graphics.Color)	4288801866 (0xFFA1EC4A)
YUV	195.1070, -59.7058, -29.9118
Hunter-Lab	82.4999, -45.0002, 45.3923

Details

The Hex color **A1EC4A** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **954AEC**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **DCFF83**, and **67B400** is the 20% darker color. If you saturate the color by 10%, you get **96EC32**, and if you desaturate by 10%, it is **ACEC62**.

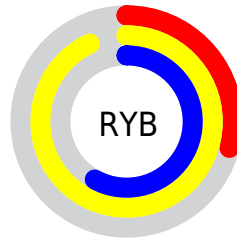
Distribution



Red (63%)

Green (93%)

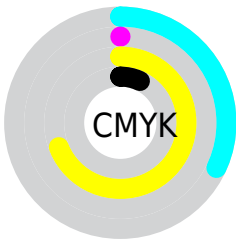
Blue (29%)



Red (29%)

Yellow (93%)

Blue (58%)

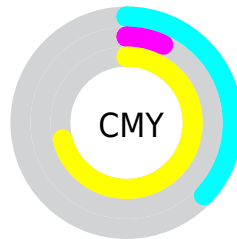


Cyan (32%)

Magenta (0%)

Yellow (69%)

Black (7%)



Cyan (37%)

Magenta (7%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color A1EC4A 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 A1EC4A by changing the saturation by 10% instead.

 A1EC4A

 A1EC4A

FFFFFF

 84CF2B

 DCFF83

 67B400

 FAFF9F

 4A9800

 FFFFBC

 2A7E00

 FFFFFD9

 006400

 FFFFF6

 004C00

 003400

 001D00

 000000

 A1EC4A

 A1EC4A

 96EC32

 ACEC62

 8BEC1B

 B7EC79

 80EC03

 C2EC91

 7FEC00

 CDECA8

 D8ECC0

 E3ECD8

 EDECEF

 F8ECFF

 FFECFF

Harmonies

Analogous

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



F3D81E



A1EC4A



00F891

Triad

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



A1EC4A



00F1FF



FF8ACD

Complementary

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



A1EC4A



954AEC

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.



FF9AFF



A1EC4A



00DCFF

Square

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



A1EC4A



00FBFF



EABDFF



FF9A82

Rectangle

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



A1EC4A



00FBC7



EABDFF



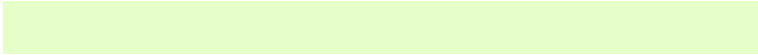
FF8CE8

Sweetspot

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



A1EC4A



E6FFC9



EC934A



718060



000000



808080

Same Dimension

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



A1EC4A



9EFF2E



52EC4A



70756A



61B500



1D3600

Inverse Universe

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



954AEC



8F2EFF



E44AEC



6F6A75



5400B5



190036

Previews

White Background



This preview shows how the Hex color A1EC4A looks on a white background.

Color Contrast Check

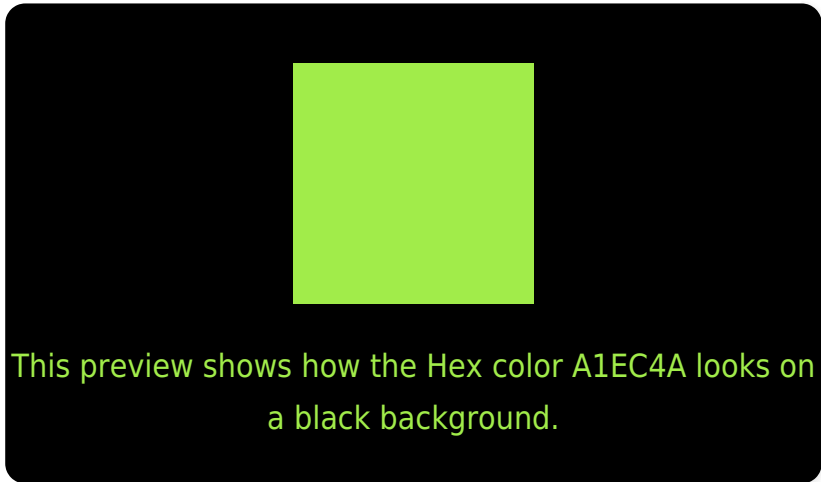
Large Text (above 18pt) WCAG AA × Fail

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 A1EC4A Background



This preview shows how black text looks on a background with the Hex color A1EC4A.

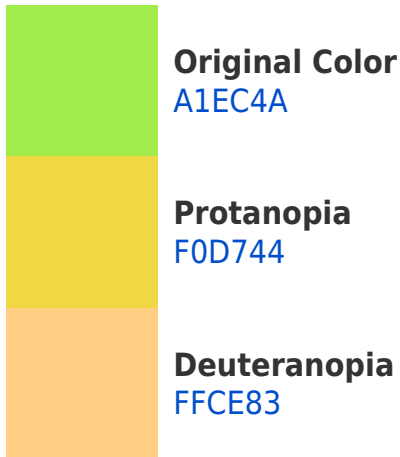


This preview shows how white text looks on a background with the Hex color A1EC4A.

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](#).

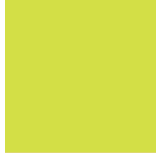
Dichromacy



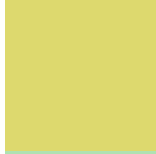
Trichromacy



Original Color
A1EC4A



Protanomaly
D3DF46



Deuteranomaly
DDD96E

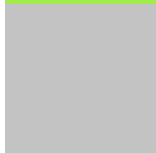


Tritanomaly
AFE2B2

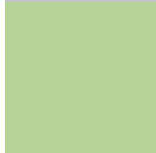
Monochromacy



Original Color
A1EC4A



Achromatopsia
C3C3C3



Achromatomaly
B7D297

CSS Examples

Text

The CSS property to change the color of the text to Hex A1EC4A 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 #A1EC4A looks like.

```
.text, #text, p{  
    color:#A1EC4A  
}
```

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 #A1EC4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A1EC4A
}
```

Border

The CSS property to change the border of an element to Hex A1EC4A 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
#A1EC4A }
```

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

```
.border{ border-color:#A1EC4A }
```

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

Here you see how a box with a 4 pixel #A1EC4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A1EC4A; -webkit-box-shadow:4px 4px  
4px 4px #A1EC4A; box-shadow:4px 4px 4px  
4px #A1EC4A }
```

Background

The CSS property to change the background color of an element to Hex A1EC4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A1EC4A }
```

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

```
.background{ background-color:#A1EC4A }
```

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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