

# Converting Colors

Hex(A1EC57)

Have a look what the booklet for  
Hex(A1EC57) contains.

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**Color**

**Hex(A1EC57)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A1EC57
RGB	161, 236, 87
RGB Percent	63%, 93%, 34%
CMY	0.3686, 0.0745, 0.6588
CMYK	0.32, 0.00, 0.63, 0.07
HSL	90°, 80%, 63%
HSV	90°, 63%, 93%
XYZ	46.4137, 68.2561, 19.7453
YIQ	196.5890, 3.1290, -62.2390

# Conversions

## Conversions Part 2

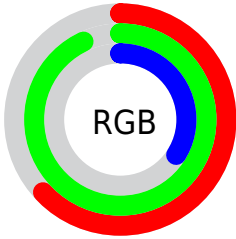
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	87, 236, 162
Decimal	10611799
CIE <sub>Lab</sub>	86.13, -46.50, 62.89
CIE <sub>LCh</sub>	86, 78.212, 126.478
Yxy	68.2561, 0.3453, 0.5078
Android (android.graphics.Color)	4288801879 (0xFFA1EC57)
YUV	196.5890, -54.0274, -31.2116
Hunter-Lab	82.6172, -44.3003, 43.6619

# Details

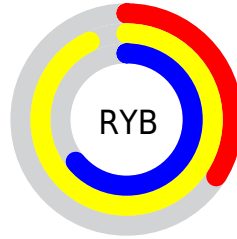
The Hex color **A1EC57** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **A257EC**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **DBFF8E**, and **68B41A** is the 20% darker color. If you saturate the color by 10%, you get **95EC3F**, and if you desaturate by 10%, it is **ADEC6F**.

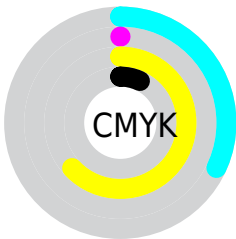
# Distribution



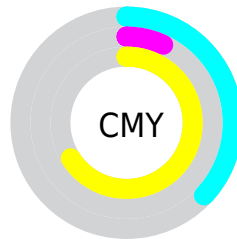
- Red (63%)
- Green (93%)
- Blue (34%)



- Red (34%)
- Yellow (93%)
- Blue (64%)



- Cyan (32%)
- Magenta (0%)
- Yellow (63%)
- Black (7%)



- Cyan (37%)
- Magenta (7%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A1EC57 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 A1EC57 by changing the saturation by 10% instead.



 A1EC57

 A1EC57

FFFFFF

 84CF3B

 DBFF8E

 68B41A

 F9FFAA

 4B9800

 FFFFC7

 2C7E00

 FFFFE4

 006400

 004C00

 003400

 001E00

 000000

 A1EC57

 A1EC57

 95EC3F

 ADEC6F

 89EC28

 B9EC86

 7DEC10

 C5EC9E

 75EC00

 D1ECB5

 DCECCD

 E8ECE5

 F4ECFC

 FFECFF

# Harmonies

## Analogous

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



EFD932



A1EC57



00F799

# Triad

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



A1EC57



00EFFF



FF91CA

# Complementary

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



A1EC57



A257EC

# 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



A1EC57



4CDBFF

# Square

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



A1EC57



00F9FF



EFBDFF



FFA183

# Rectangle

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



A1EC57



00FACC



EFBDFE



FF92E3

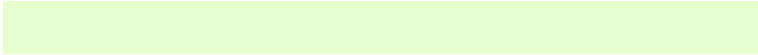


# Sweetspot

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



A1EC57



E7FFCF



ECA257



718062



000000



808080



# Same Dimension

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



A1EC57



9DFF3D



57EC57



6F756A



5AB500



1B3600



# Inverse Universe

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



A257EC



9F3DFF



EC57EC



6F6A75



5B00B5

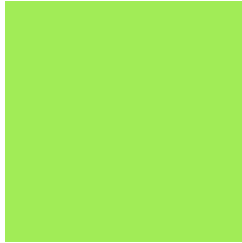


1B0036



# Previews

## White Background



This preview shows how the Hex color A1EC57 looks on a white background.

## Color Contrast Check

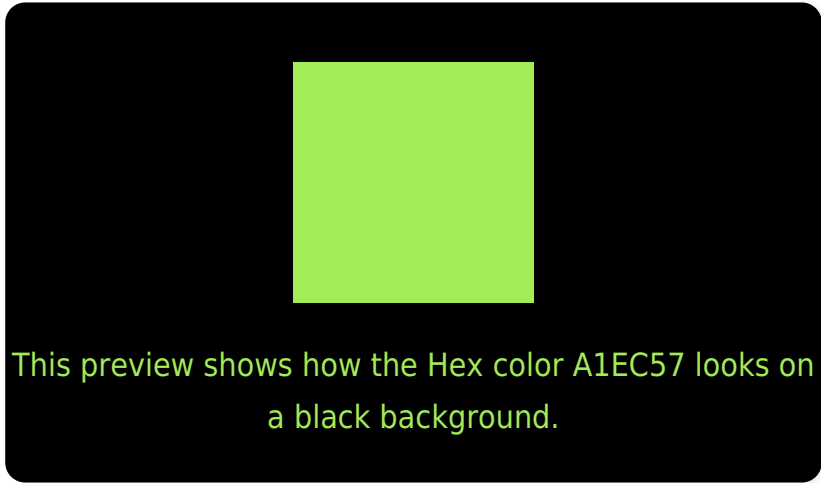
Large Text (above 18pt) WCAG AA × Fail

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 A1EC57 Background



This preview shows how black text looks on a background with the Hex color A1EC57.

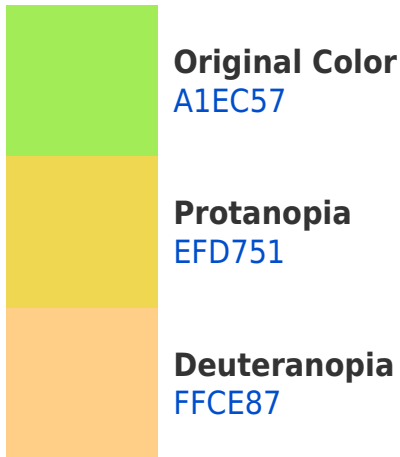


This preview shows how white text looks on a background with the Hex color A1EC57.

# 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](#).

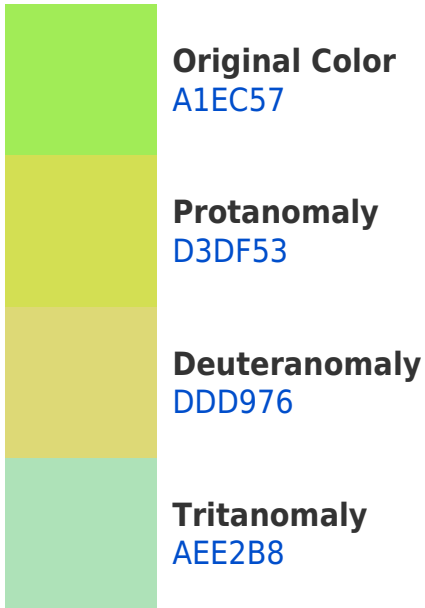
## Dichromacy



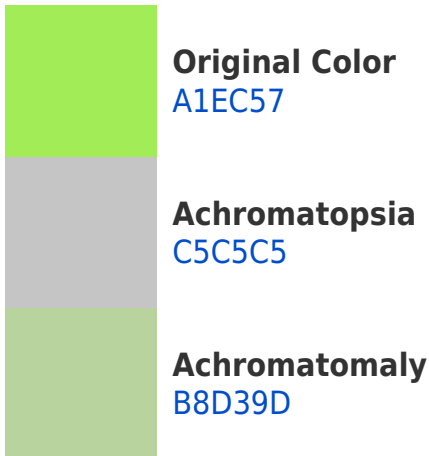


**Tritanopia**  
B6DDEF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A1EC57 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 #A1EC57 looks like.

```
.text, #text, p{  
    color:#A1EC57  
}
```

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 #A1EC57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A1EC57  
}
```

## Border

The CSS property to change the border of an element to Hex A1EC57 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  
#A1EC57 }
```

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

```
.border{ border-color:#A1EC57 }
```

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

Here you see how a box with a 4 pixel #A1EC57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A1EC57; -webkit-box-shadow:4px 4px  
4px 4px #A1EC57; box-shadow:4px 4px 4px  
4px #A1EC57 }
```

# Background

The CSS property to change the background color of an element to Hex A1EC57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A1EC57 }
```

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

```
.background{ background-color:#A1EC57 }
```

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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