

Converting Colors

Hex(A7E339)

Have a look what the booklet for
Hex(A7E339) contains.

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Color

Hex(A7E339)

Conversions

Conversions Part 1

Format	Color
Hex	A7E339
RGB	167, 227, 57
RGB Percent	65%, 89%, 22%
CMY	0.3451, 0.1098, 0.7765
CMYK	0.26, 0.00, 0.75, 0.11
HSL	81°, 75%, 56%
HSV	81°, 75%, 89%
XYZ	44.1440, 63.4491, 13.7912
YIQ	189.6800, 18.8100, -65.5900

Conversions

Conversions Part 2

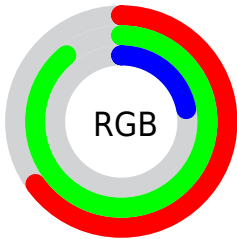
Format	Color
RYB	57, 227, 117
Decimal	11002681
CIELab	83.68, -42.44, 71.42
CIELCh	84, 83.074, 120.718
Yxy	63.4491, 0.3637, 0.5227
Android (android.graphics.Color)	4289192761 (0xFFA7E339)
YUV	189.6800, -65.4112, -19.8904
Hunter-Lab	79.6549, -40.4732, 45.4932

Details

The Hex color **A7E339** is a light color, and the websafe version is hex **99CC00**. The color can be described as light washed chartreuse. A complement of this color would be **7539E3**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **E2FF74**, and **6DAB00** is the 20% darker color. If you saturate the color by 10%, you get **9FE322**, and if you desaturate by 10%, it is **AFE350**.

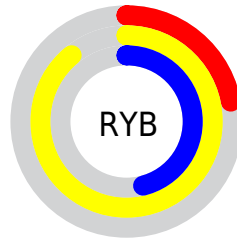
Distribution



Red (65%)

Green (89%)

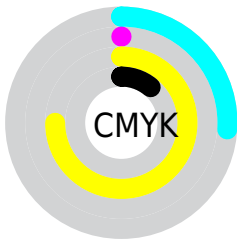
Blue (22%)



Red (22%)

Yellow (89%)

Blue (46%)

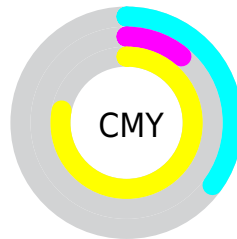


Cyan (26%)

Magenta (0%)

Yellow (75%)

Black (11%)



Cyan (35%)

Magenta (11%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color A7E339 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 A7E339 by changing the saturation by 10% instead.

 A7E339

FFFFFF

 E2FF74

 FFFF90

 FFFFAD

 FFFFCA

 FFFFFE7

 A7E339

 8AC712

 6DAB00

 519000

 337600

 0D5D00

 004500

 002E00

 001500

 000000

 A7E339

 A7E339

 9FE322

 AFE350

 97E30C

 B7E366

 93E300

 BFE37D

 C7E394

 CFE3AB

 D7E3C1

 DFE3D8

 E7E3EF

 EFE3FF

Harmonies

Analogous

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



F5CE0F



A7E339



00EF80

Triad

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



A7E339



00ECFF



FF83D2

Complementary

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



A7E339



7539E3

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.



FF98FF



A7E339



00D9FF

Square

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



A7E339



00F4FF



D1BBFF



FF8F85

Rectangle

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



A7E339



00F4B5



D1BBFF



FF86EC

Sweetspot

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



A7E339



EBFFC7



E37439



74805E



000000



808080

Same Dimension

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



A7E339



AEFF19



52E339



6F7367



73B300



213300

Inverse Universe

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



7539E3



6A19FF



C939E3



6B6773



3F00B3



120033

Previews

White Background



This preview shows how the Hex color A7E339 looks on a white background.

Color Contrast Check

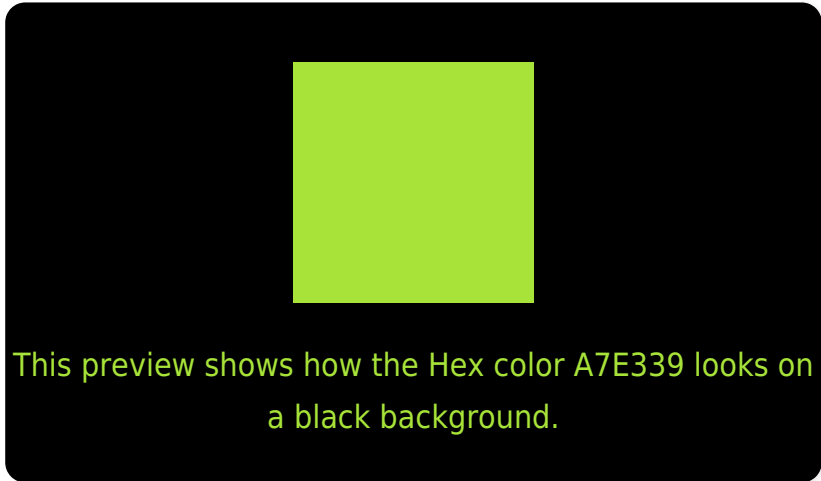
Large Text (above 18pt) WCAG AA × Fail

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 A7E339 Background



This preview shows how black text looks on a background with the Hex color A7E339.

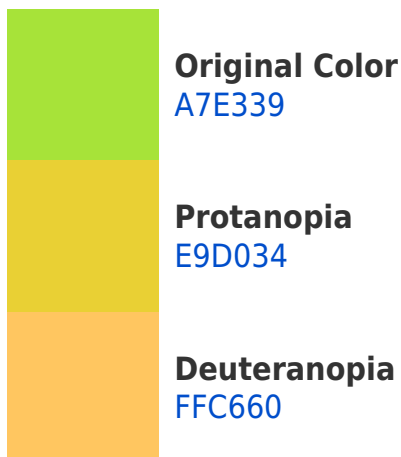


This preview shows how white text looks on a background with the Hex color A7E339.

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
BBD4E5

Trichromacy



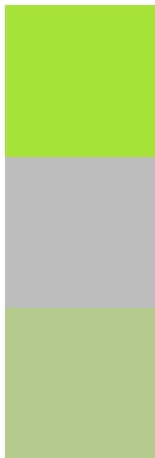
Original Color
A7E339

Protanomaly
D1D736

Deuteranomaly
DFD152

Tritanomaly
B4D9A6

Monochromacy



Original Color
A7E339

Achromatopsia
BEBEBE

Achromatomaly
B6CB8E

CSS Examples

Text

The CSS property to change the color of the text to Hex A7E339 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 #A7E339 looks like.

```
.text, #text, p{  
    color:#A7E339  
}
```

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 #A7E339 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7E339
}
```

Border

The CSS property to change the border of an element to Hex A7E339 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
#A7E339 }
```

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

```
.border{ border-color:#A7E339 }
```

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

Here you see how a box with a 4 pixel #A7E339 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7E339; -webkit-box-shadow:4px 4px  
4px 4px #A7E339; box-shadow:4px 4px 4px  
4px #A7E339 }
```

Background

The CSS property to change the background color of an element to Hex A7E339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7E339 }
```

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

```
.background{ background-color:#A7E339 }
```

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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