

Converting Colors

Hex(A7E301)

Have a look what the booklet for
Hex(A7E301) contains.

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Color

Hex(A7E301)

Conversions

Conversions Part 1

Format	Color
Hex	A7E301
RGB	167, 227, 1
RGB Percent	65%, 89%, 0%
CMY	0.3451, 0.1098, 0.9961
CMYK	0.26, 0.00, 1.00, 0.11
HSL	76°, 99%, 45%
HSV	76°, 100%, 89%
XYZ	43.4109, 63.1559, 9.9310
YIQ	183.2960, 36.7860, -83.0060

Conversions

Conversions Part 2

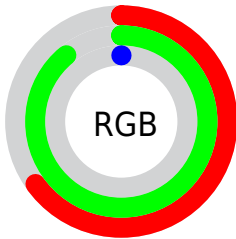
Format	Color
RYB	1, 227, 61
Decimal	11002625
CIELab	83.52, -43.93, 81.57
CIElCh	84, 92.643, 118.305
Yxy	63.1559, 0.3726, 0.5421
Android (android.graphics.Color)	4289192705 (0xFFA7E301)
YUV	183.2960, -89.8719, -14.2916
Hunter-Lab	79.4707, -41.5679, 48.2203

Details

The Hex color **A7E301** 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 **3D01E3**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **E3FF59**, and **6CAB00** is the 20% darker color. If you saturate the color by 10%, you get **A7E300**, and if you desaturate by 10%, it is **ADE318**.

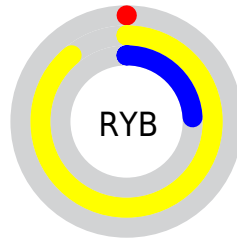
Distribution



Red (65%)

Green (89%)

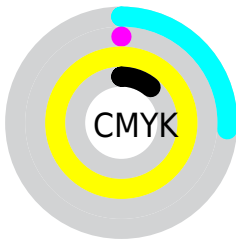
Blue (0%)



Red (0%)

Yellow (89%)

Blue (24%)

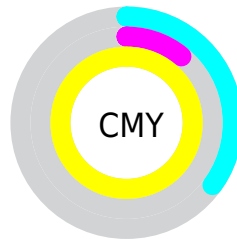


Cyan (26%)

Magenta (0%)

Yellow (100%)

Black (11%)



Cyan (35%)

Magenta (11%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color A7E301 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 A7E301 by changing the saturation by 10% instead.

 A7E301

 A7E301

FFFFFF

 8AC700

 E3FF59

 6CAB00


 FFFF77

 4F9000

 FFFF94

 307600

 FFFFB1

 015D00

 FFFFCE

 004500

 FFFFED

 002E00

 001500

 000000

■ A7E301

■ A7E301

■ A7E300

■ ADE318

■ B3E32E

■ B9E345

■ BFE35C

■ C5E373

■ CBE389

■ D1E3A0

■ D7E3B7

■ DDE3CD

Harmonies

Analogous

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



FDCB00



A7E301



00F16E

Triad

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



A7E301



00F0FF



FF72D9

Complementary

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



A7E301



3D01E3

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.



FF90FF



A7E301



00DCFF

Square

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



A7E301



00F7FF



C1BBFF



FF8083

Rectangle

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



A7E301



00F6AA



C1BBFF



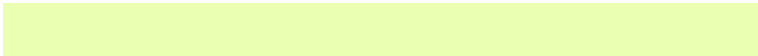
FF79F6

Sweetspot

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



A7E301



EBFFB3



E33A01



738052



000000



808080

Same Dimension

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



A7E301



BBFF00



3AE301



707367



83B300



253300

Inverse Universe

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



3D01E3



4400FF



AB01E3



6A6773



2F00B3



0E0033

Previews

White Background



This preview shows how the Hex color A7E301 looks on a white background.

Color Contrast Check

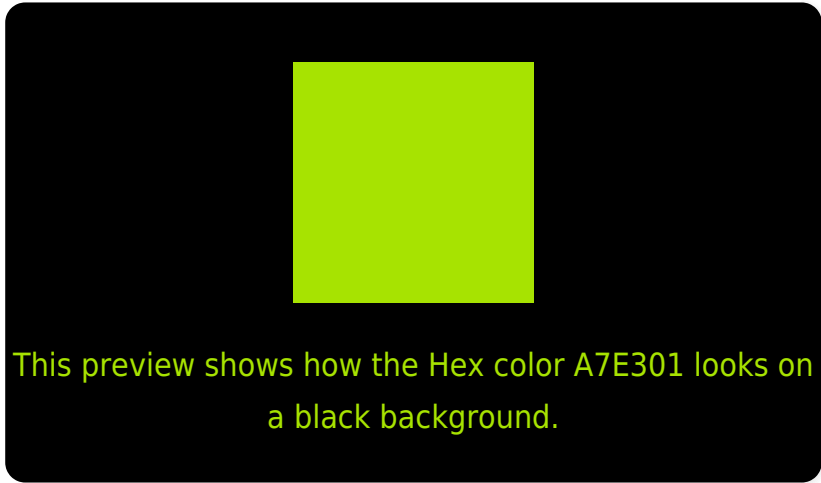
Large Text (above 18pt) WCAG AA × Fail

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 A7E301 Background



This preview shows how black text looks on a background with the Hex color A7E301.



This preview shows how white text looks on a background with the Hex color A7E301.

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



Original Color
A7E301

Protanopia
EAD000

Deuteranopia
FFC659



Tritanopia
BCD3E4

Trichromacy



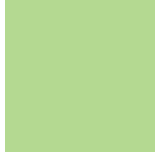
Original Color
A7E301



Protanomaly
D2D700



Deuteranomaly
DFD139

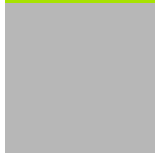


Tritanomaly
B4D991

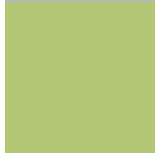
Monochromacy



Original Color
A7E301



Achromatopsia
B7B7B7



Achromatomaly
B1C775

CSS Examples

Text

The CSS property to change the color of the text to Hex A7E301 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 #A7E301 looks like.

```
.text, #text, p{  
    color:#A7E301  
}
```

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 #A7E301 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7E301
}
```

Border

The CSS property to change the border of an element to Hex A7E301 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
#A7E301 }
```

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

```
.border{ border-color:#A7E301 }
```

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

Here you see how a box with a 4 pixel #A7E301 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7E301; -webkit-box-shadow:4px 4px  
4px 4px #A7E301; box-shadow:4px 4px 4px  
4px #A7E301 }
```

Background

The CSS property to change the background color of an element to Hex A7E301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7E301 }
```

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

```
.background{ background-color:#A7E301 }
```

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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