

Converting Colors

Hex(A7FF00)

Have a look what the booklet for
Hex(A7FF00) contains.

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Color

Hex(A7FF00)

Conversions

Conversions Part 1

Format	Color
Hex	A7FF00
RGB	167, 255, 0
RGB Percent	65%, 100%, 0%
CMY	0.3451, 0.0000, 1.0000
CMYK	0.35, 0.00, 1.00, 0.00
HSL	81°, 100%, 50%
HSV	81°, 100%, 100%
XYZ	51.6963, 79.7355, 12.6658
YIQ	199.6180, 29.4070, -97.9610

Conversions

Conversions Part 2

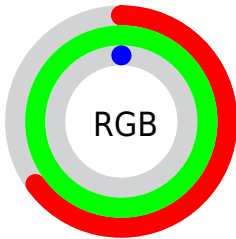
Format	Color
RYB	0, 255, 88
Decimal	11009792
CIELab	91.57, -55.51, 87.83
CIELCh	92, 103.897, 122.292
Yxy	79.7355, 0.3588, 0.5533
Android (android.graphics.Color)	4289199872 (0xFFA7FF00)
YUV	199.6180, -98.4117, -28.6060
Hunter-Lab	89.2947, -52.9249, 54.0965

Details

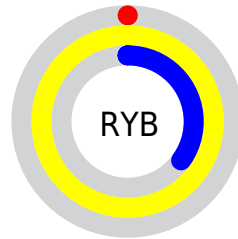
The Hex color **A7FF00** is a dark color, and the websafe version is hex **99FF00**. The color can be described as middle saturated chartreuse. A complement of this color would be **5800FF**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **E4FF5E**, and **6AC600** is the 20% darker color. If you saturate the color by 10%, you get **A7FF00**, and if you desaturate by 10%, it is **B0FF19**.

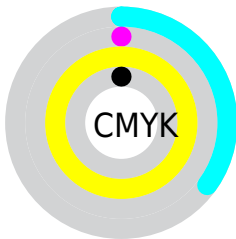
Distribution



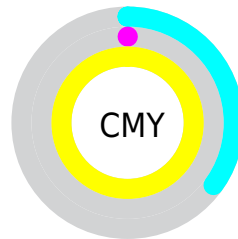
- Red (65%)
- Green (100%)
- Blue (0%)



- Red (0%)
- Yellow (100%)
- Blue (35%)



- Cyan (35%)
- Magenta (0%)
- Yellow (100%)
- Black (0%)



- Cyan (35%)
- Magenta (0%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color A7FF00 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 A7FF00 by changing the saturation by 10% instead.

 A7FF00

 A7FF00

FFFFFF

 89E200

 E4FF5E

 6AC600

 FFFF7D

 4AAA00

 FFFF9B

 258F00

 FFFFB9

 007500

 FFFFD7

 005B00

 FFFFF5

 004200

 002C00

 000B00

 A7FF00

 B0FF19

 B9FF33

 C1FF4D

 CAFF66

 D3FF80

 DCFF99

 E5FFB3

 EDFFC

 F6FFE6

Harmonies

Analogous

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



FFE500



A7FF00



00FF84

Triad

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



A7FF00



00FFFF



FF77E4

Complementary

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



A7FF00



5800FF

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.



FF96FF



A7FF00



00F1FF

Square

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



A7FF00



00FFFF



ECC8FF



FF8E82

Rectangle

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



A7FF00



00FFC9



ECC8FF



FF7CFF

Sweetspot

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



A7FF00



E5FFB3



FF5500



708052



000000



808080

Same Dimension

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



A7FF00



2AFF00



7B8073



7DBF00



2A4000

Inverse Universe

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



5800FF



D500FF



777380



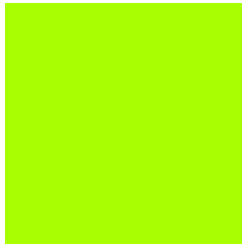
4200BF



160040

Previews

White Background



This preview shows how the Hex color A7FF00 looks on a white background.

Color Contrast Check

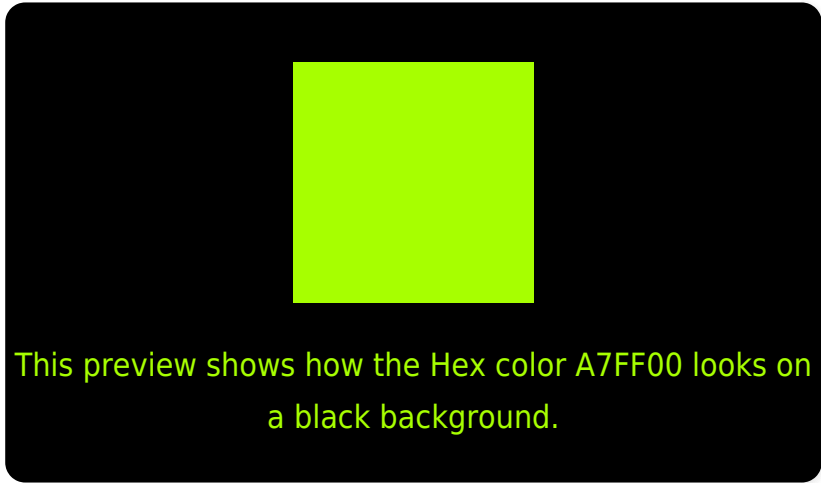
Large Text (above 18pt) WCAG AA × Fail

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 A7FF00 Background



This preview shows how black text looks on a background with the Hex color A7FF00.

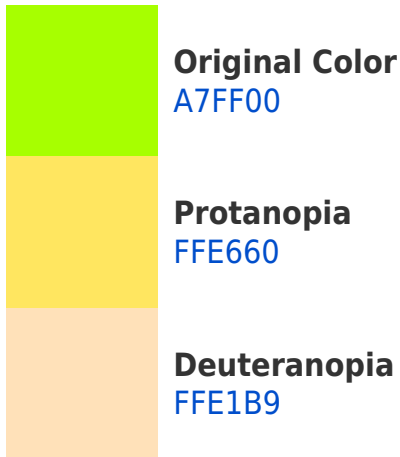


This preview shows how white text looks on a background with the Hex color A7FF00.

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](#).

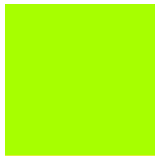
Dichromacy



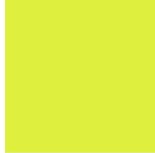


Tritanopia
C3EDFF

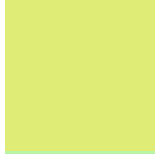
Trichromacy



Original Color
A7FF00



Protanomaly
DFEF3D

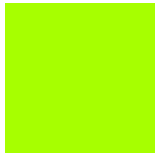


Deuteranomaly
DFEC76

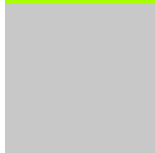


Tritanomaly
B9F4A2

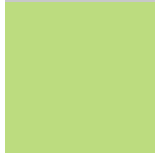
Monochromacy



Original Color
A7FF00



Achromatopsia
C8C8C8



Achromatomaly
BCDC7F

CSS Examples

Text

The CSS property to change the color of the text to Hex A7FF00 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 #A7FF00 looks like.

```
.text, #text, p{  
    color:#A7FF00  
}
```

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 #A7FF00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7FF00
}
```

Border

The CSS property to change the border of an element to Hex A7FF00 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
#A7FF00 }
```

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

```
.border{ border-color:#A7FF00 }
```

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

Here you see how a box with a 4 pixel #A7FF00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7FF00; -webkit-box-shadow:4px 4px  
4px 4px #A7FF00; box-shadow:4px 4px 4px  
4px #A7FF00 }
```

Background

The CSS property to change the background color of an element to Hex A7FF00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7FF00 }
```

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

```
.background{ background-color:#A7FF00 }
```

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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