

# Converting Colors

Hex(A7FA00)

Have a look what the booklet for  
Hex(A7FA00) contains.

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**Color**

**Hex(A7FA00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A7FA00
RGB	167, 250, 0
RGB Percent	65%, 98%, 0%
CMY	0.3451, 0.0196, 1.0000
CMYK	0.33, 0.00, 1.00, 0.02
HSL	80°, 100%, 49%
HSV	80°, 100%, 98%
XYZ	50.1220, 76.5867, 12.1410
YIQ	196.6830, 30.7820, -95.3460

# Conversions

## Conversions Part 2

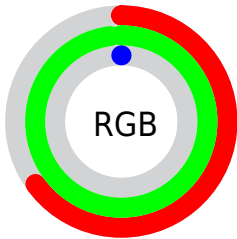
Format	Color
<b>RYB</b>	0, 250, 83
Decimal	11008512
CIELab	90.13, -53.51, 86.72
CIELCh	90, 101.899, 121.674
Yxy	76.5867, 0.3610, 0.5516
Android (android.graphics.Color)	4289198592 (0xFFA7FA00)
YUV	196.6830, -96.9647, -26.0320
Hunter-Lab	87.5138, -50.9166, 53.0342

# Details

The Hex color **A7FA00** 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 **5300FA**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **E4FF5D**, and **6AC100** is the 20% darker color. If you saturate the color by 10%, you get **A7FA00**, and if you desaturate by 10%, it is **AFFA19**.

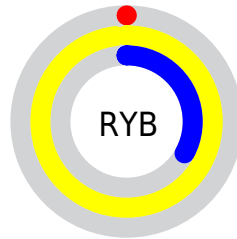
# Distribution



Red (65%)

Green (98%)

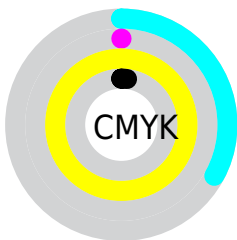
Blue (0%)



Red (0%)

Yellow (98%)

Blue (33%)

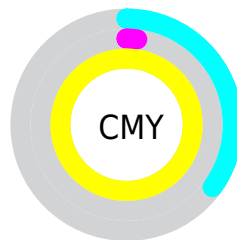


Cyan (33%)

Magenta (0%)

Yellow (100%)

Black (2%)



Cyan (35%)

Magenta (2%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7FA00 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 A7FA00 by changing the saturation by 10% instead.



 A7FA00

 A7FA00

FFFFFF

 89DD00

 E4FF5D

 6AC100

 FFFF7C

 4BA500

 FFFF9A

 288A00

 FFFFB8

 007000

 FFFFD6

 005700

 FFFFF4

 003E00

 002800

 000100

 A7FA00

 AFFA19

 B8FA32

 C0FA4B

 C8FA64

 D1FA7D

 D9FA96

 E1FAAF

 E9FAC8

 F2FAE1

# Harmonies

## Analogous

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



FFE000



A7FA00



00FF80

# Triad

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



A7FA00



00FFFF



FF76E2

# Complementary

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



A7FA00



5300FA

# 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.



FF95FF



A7FA00



00EDFF

# Square

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



A7FA00



00FFFF



E4C6FF



FF8C82

# Rectangle

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



A7FA00



00FFC3



E4C6FF



FF7BFF

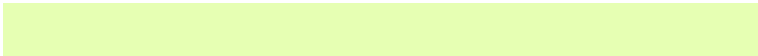


# Sweetspot

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



A7FA00



E6FFB3



FA4F00



708052



000000



808080



# Same Dimension

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



A7FA00



AAFF00



2EFA00



797D70



7EBD00



293D00



# Inverse Universe

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



5300FA



5500FF



CC00FA



75707D



3F00BD

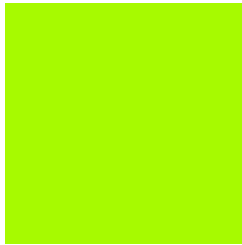


14003D



# Previews

## White Background



This preview shows how the Hex color A7FA00 looks on a white background.

## Color Contrast Check

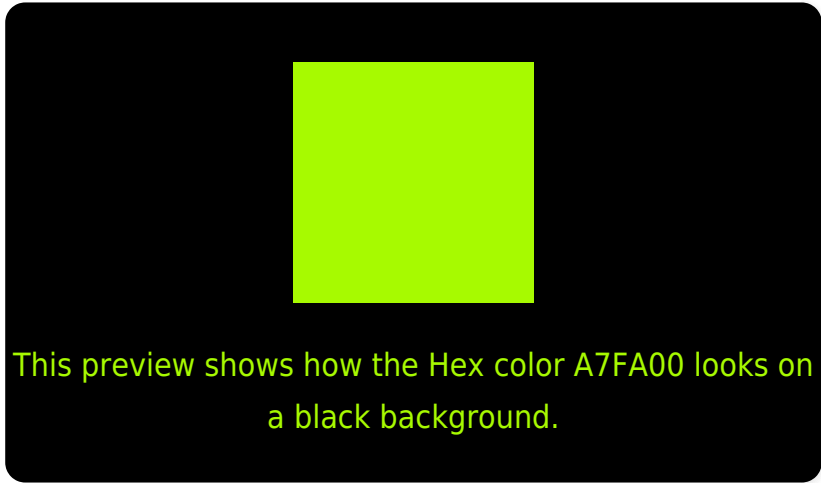
Large Text (above 18pt) WCAG AA × Fail

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 A7FA00 Background



This preview shows how black text looks on a background with the Hex color A7FA00.



This preview shows how white text looks on a background with the Hex color A7FA00.

# 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



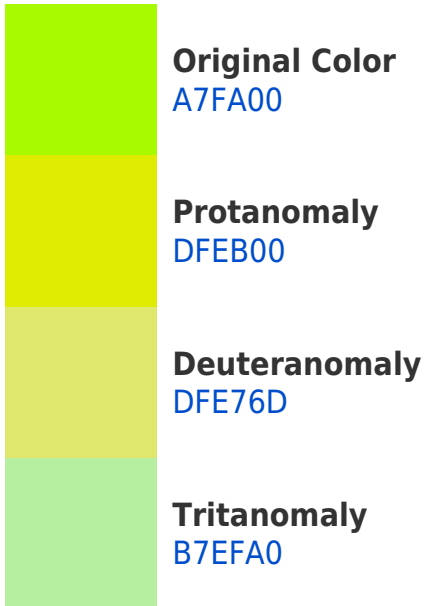
**Original Color**  
A7FA00

**Protanopia**  
FFE200

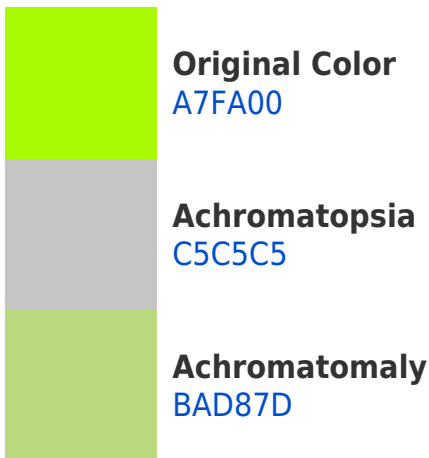
**Deuteranopia**  
FFDCAC



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7FA00 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 #A7FA00 looks like.

```
.text, #text, p{  
    color:#A7FA00  
}
```

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 #A7FA00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7FA00
}
```

## Border

The CSS property to change the border of an element to Hex A7FA00 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
#A7FA00 }
```

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

```
.border{ border-color:#A7FA00 }
```

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

Here you see how a box with a 4 pixel #A7FA00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7FA00; -webkit-box-shadow:4px 4px  
4px 4px #A7FA00; box-shadow:4px 4px 4px  
4px #A7FA00 }
```

# Background

The CSS property to change the background color of an element to Hex A7FA00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7FA00 }
```

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

```
.background{ background-color:#A7FA00 }
```

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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