

# Converting Colors

Hex(A6FF00)

Have a look what the booklet for  
Hex(A6FF00) contains.

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# Color

Hex(A6FF00)

# Conversions

## Conversions Part 1

Format	Color
Hex	A6FF00
RGB	166, 255, 0
RGB Percent	65%, 100%, 0%
CMY	0.3490, 0.0000, 1.0000
CMYK	0.35, 0.00, 1.00, 0.00
HSL	81°, 100%, 50%
HSV	81°, 100%, 100%
XYZ	51.4859, 79.6270, 12.6560
YIQ	199.3190, 28.8110, -98.1730

# Conversions

## Conversions Part 2

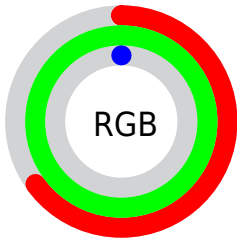
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 255, 89
Decimal	10944256
CIELab	91.52, -55.85, 87.77
CIELCh	92, 104.032, 122.470
Yxy	79.6270, 0.3581, 0.5539
Android (android.graphics.Color)	4289134336 (0xFFA6FF00)
YUV	199.3190, -98.2643, -29.2208
Hunter-Lab	89.2340, -53.1691, 54.0547

# Details

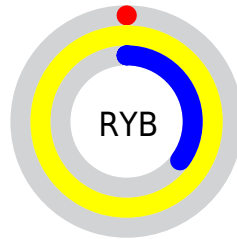
The Hex color **A6FF00** is a dark color, and the websafe version is hex **99FF00**. The color can be described as middle saturated chartreuse. A complement of this color would be **5900FF**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **E3FF5E**, and **69C600** is the 20% darker color. If you saturate the color by 10%, you get **A6FF00**, and if you desaturate by 10%, it is **AFFF19**.

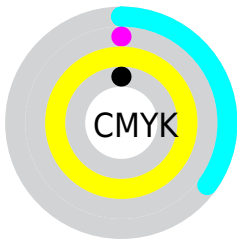
# Distribution



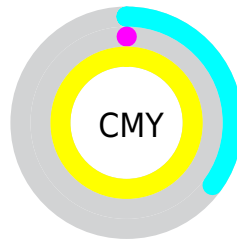
- Red (65%)
- Green (100%)
- Blue (0%)



- 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 A6FF00 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 A6FF00 by changing the saturation by 10% instead.



 A6FF00

 A6FF00

FFFFFF

 88E200

 E3FF5E

 69C600

 FFFF7D

 48AA00

 FFFF9B

 238F00

 FFFFB9

 007500

 FFFFD7

 005B00

 FFFFF5

 004200

 002C00

 000A00

 A6FF00

 AFFF19

 B8FF33

 C1FF4D

 CAFF66

 D3FF80

 DBFF99

 E4FFB3

 EDFFC

 F6FFE6

# Harmonies

## Analogous

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



FFE500



A6FF00



00FF84

# Triad

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



A6FF00



00FFFF



FF76E3

# Complementary

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



A6FF00



5900FF

# 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



A6FF00



00F1FF

# Square

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



A6FF00



00FFFF



EDC8FF



FF8E81

# Rectangle

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



A6FF00



00FFC9



EDC8FF



FF7BFF

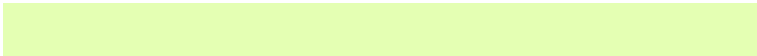


# Sweetspot

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



A6FF00



E4FFB3



FF5500



6F8052



000000



808080



# Same Dimension

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



A6FF00



2AFF00



7B8073



7CBF00



294000

# Inverse Universe

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



5900FF



D500FF



777380



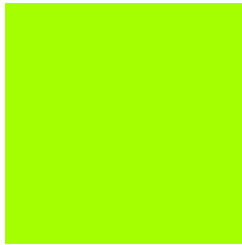
4300BF



160040

# Previews

## White Background



This preview shows how the Hex color A6FF00 looks on a white background.

## Color Contrast Check

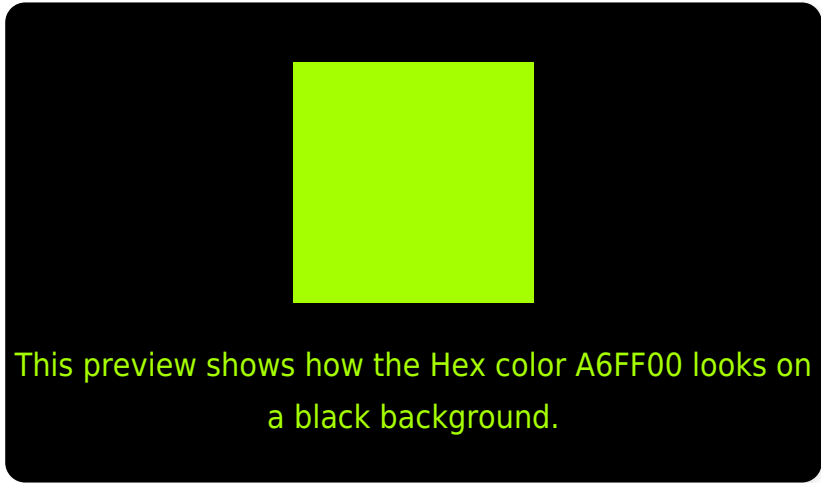
Large Text (above 18pt) WCAG AA × Fail

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

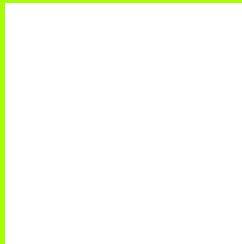
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## Hex A6FF00 Background



This preview shows how black text looks on a background with the Hex color A6FF00.

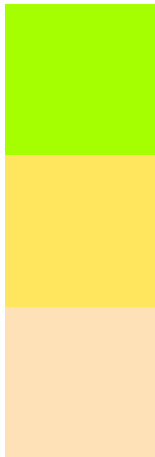


This preview shows how white text looks on a background with the Hex color A6FF00.

# 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**  
A6FF00

**Protanopia**  
FFE65E

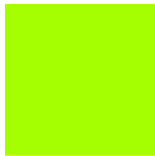
**Deuteranopia**  
FFE1B8



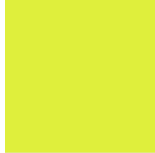


**Tritanopia**  
C2EDFF

# Trichromacy



**Original Color**  
A6FF00



**Protanomaly**  
DFEF3C



**Deuteranomaly**  
DFEC75

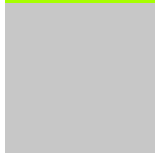


**Tritanomaly**  
B8F4A2

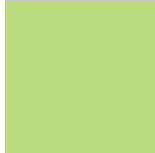
# Monochromacy



**Original Color**  
A6FF00



**Achromatopsia**  
C7C7C7



**Achromatomaly**  
BBDB7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A6FF00 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 #A6FF00 looks like.

```
.text, #text, p{  
    color:#A6FF00  
}
```

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 #A6FF00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6FF00
}
```

## Border

The CSS property to change the border of an element to Hex A6FF00 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
#A6FF00 }
```

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

```
.border{ border-color:#A6FF00 }
```

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

Here you see how a box with a 4 pixel #A6FF00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6FF00; -webkit-box-shadow:4px 4px  
4px 4px #A6FF00; box-shadow:4px 4px 4px  
4px #A6FF00 }
```

# Background

The CSS property to change the background color of an element to Hex A6FF00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6FF00 }
```

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

```
.background{ background-color:#A6FF00 }
```

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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