

Converting Colors

Hex(A1FF66)

Have a look what the booklet for
Hex(A1FF66) contains.

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Color

Hex(A1FF66)

Conversions

Conversions Part 1

Format	Color
Hex	A1FF66
RGB	161, 255, 102
RGB Percent	63%, 100%, 40%
CMY	0.3686, 0.0000, 0.6000
CMYK	0.37, 0.00, 0.60, 0.00
HSL	97°, 100%, 70%
HSV	97°, 60%, 100%
XYZ	52.8562, 80.0564, 25.2370
YIQ	209.4520, -6.9110, -67.5110

Conversions

Conversions Part 2

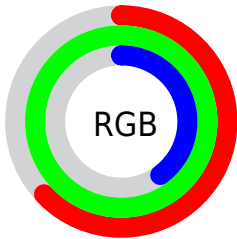
Format	Color
RYB	102, 255, 196
Decimal	10616678
CIELab	91.71, -53.10, 62.85
CIElCh	92, 82.279, 130.190
Yxy	80.0564, 0.3342, 0.5062
Android (android.graphics.Color)	4288806758 (0xFFA1FF66)
YUV	209.4520, -52.9738, -42.4924
Hunter-Lab	89.4742, -51.1324, 45.9087

Details

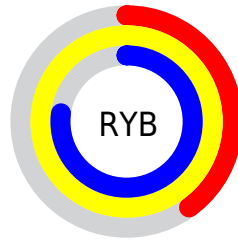
The Hex color **A1FF66** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **C466FF**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **DCFF9E**, and **66C62C** is the 20% darker color. If you saturate the color by 10%, you get **91FF4D**, and if you desaturate by 10%, it is **B1FF80**.

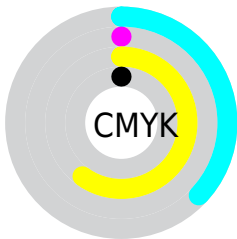
Distribution



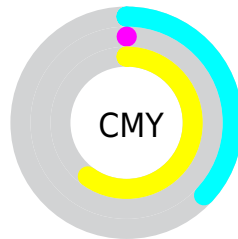
- Red (63%)
- Green (100%)
- Blue (40%)



- Red (40%)
- Yellow (100%)
- Blue (77%)



- Cyan (37%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)



- Cyan (37%)
- Magenta (0%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color A1FF66 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 A1FF66 by changing the saturation by 10% instead.

 A1FF66

 A1FF66

FFFFFF

 84E24A

 DCFF9E

 66C62C

 FAFFBA

 48AA00

 FFFFD7

 268F00

 FFFFF4

 007400

 005B00

 004200

 002C00

 000C00

 A1FF66

 A1FF66

 91FF4D

 B1FF80

 82FF33

 C0FF99

 72FF19

 D0FFB3

 62FF00

 E0FFCC

 EFFF E6

FFFFFF

Harmonies

Analogous

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



F7EC39



A1FF66



00FFAF

Triad

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



A1FF66



00FEFF



FF9DCF

Complementary

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



A1FF66



C466FF

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.



FFA7FF



A1FF66



78E7FF

Square

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



A1FF66



00FFFF



FFC7FF



FFB085

Rectangle

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



A1FF66



00FFE5



FFC7FF



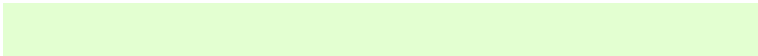
FF9DEA

Sweetspot

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



A1FF66



E3FFD1



FFC266



6E8063



000000



808080

Same Dimension

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



A1FF66



8EFF47



66FF75



788073



4ABF00



194000

Inverse Universe

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



C466FF



B847FF



FF66F0



7B7380



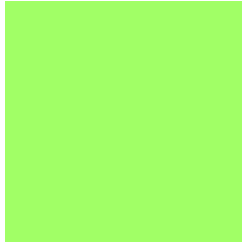
7500BF



270040

Previews

White Background



This preview shows how the Hex color A1FF66 looks on a white background.

Color Contrast Check

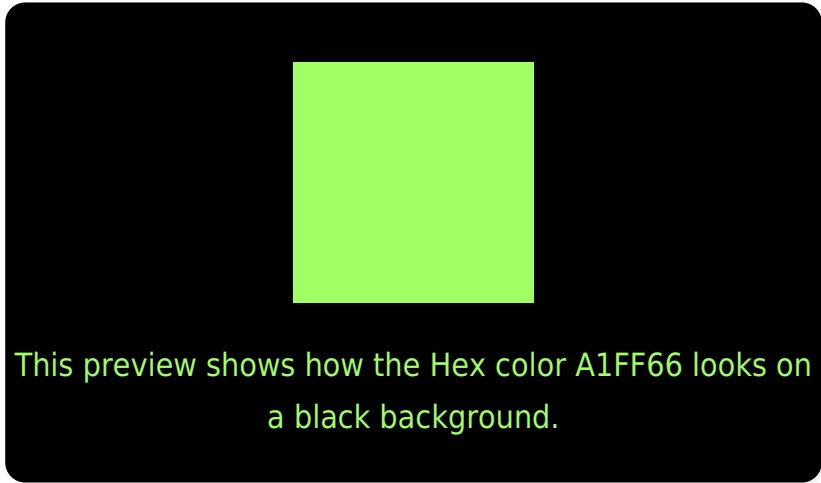
Large Text (above 18pt) WCAG AA × Fail

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

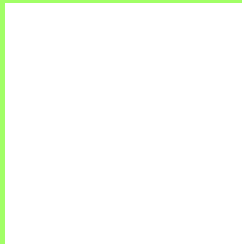
Any Text WCAG AAA ✓ Pass

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

Hex A1FF66 Background



This preview shows how black text looks on a background with the Hex color A1FF66.

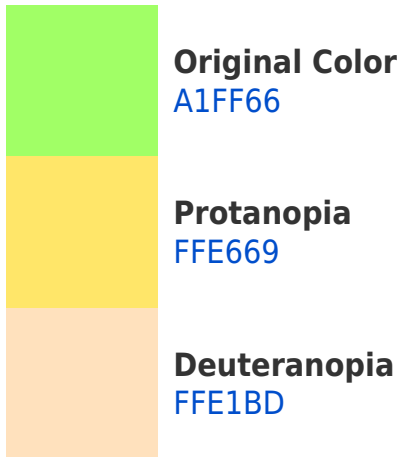


This preview shows how white text looks on a background with the Hex color A1FF66.

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](#).

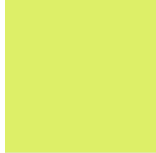
Dichromacy



Trichromacy



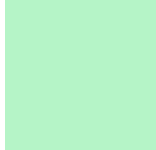
Original Color
A1FF66



Protanomaly
DDEF68

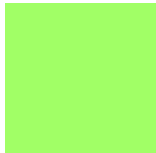


Deuteranomaly
DDEC9D

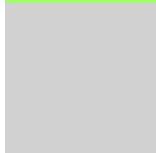


Tritanomaly
B5F4C7

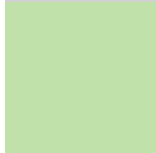
Monochromacy



Original Color
A1FF66



Achromatopsia
D1D1D1



Achromatomaly
C0E2AA

CSS Examples

Text

The CSS property to change the color of the text to Hex A1FF66 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 #A1FF66 looks like.

```
.text, #text, p{  
    color:#A1FF66  
}
```

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 #A1FF66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A1FF66
}
```

Border

The CSS property to change the border of an element to Hex A1FF66 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
#A1FF66 }
```

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

```
.border{ border-color:#A1FF66 }
```

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

Here you see how a box with a 4 pixel #A1FF66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A1FF66; -webkit-box-shadow:4px 4px  
4px 4px #A1FF66; box-shadow:4px 4px 4px  
4px #A1FF66 }
```

Background

The CSS property to change the background color of an element to Hex A1FF66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A1FF66 }
```

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

```
.background{ background-color:#A1FF66 }
```

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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