

Converting Colors

Hex(A6FF7A)

Have a look what the booklet for
Hex(A6FF7A) contains.

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Color

Hex(A6FF7A)

Conversions

Conversions Part 1

Format	Color
Hex	A6FF7A
RGB	166, 255, 122
RGB Percent	65%, 100%, 48%
CMY	0.3490, 0.0000, 0.5216
CMYK	0.35, 0.00, 0.52, 0.00
HSL	100°, 100%, 74%
HSV	100°, 52%, 100%
XYZ	54.9987, 81.0321, 31.1544
YIQ	213.2270, -10.3510, -60.2310

Conversions

Conversions Part 2

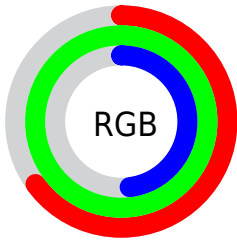
Format	Color
RYB	122, 255, 211
Decimal	10944378
CIELab	92.15, -49.49, 54.67
CIELCh	92, 73.744, 132.156
Yxy	81.0321, 0.3290, 0.4847
Android (android.graphics.Color)	4289134458 (0xFFA6FF7A)
YUV	213.2270, -44.9749, -41.4181
Hunter-Lab	90.0178, -48.4720, 42.4927

Details

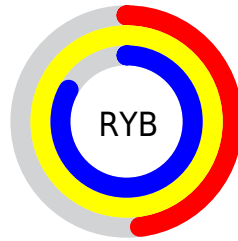
The Hex color **A6FF7A** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **D37AFF**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **E0FFB1**, and **6DC644** is the 20% darker color. If you saturate the color by 10%, you get **95FF61**, and if you desaturate by 10%, it is **B7FF94**.

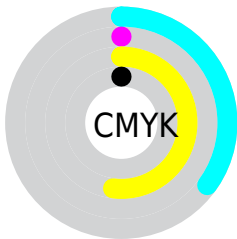
Distribution



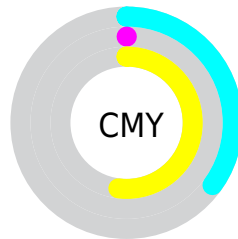
- Red (65%)
- Green (100%)
- Blue (48%)



- Red (48%)
- Yellow (100%)
- Blue (83%)



- Cyan (35%)
- Magenta (0%)
- Yellow (52%)
- Black (0%)



- Cyan (35%)
- Magenta (0%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6FF7A 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 A6FF7A by changing the saturation by 10% instead.

 A6FF7A

 A6FF7A

FFFFFF

 89E25F

 E0FFB1

 6DC644

 FEFFCD

 50AA28

 FFFFEA

 318F02

 027500

 005B00

 004300

 002D00

 000E00

 A6FF7A

 A6FF7A

 95FF61

 B7FF94

 84FF47

 C8FFAD

 73FF2E

 D9FFC7

 62FF14

 EAF FE0

 54FF00

 FBFFFA

FFFFFF

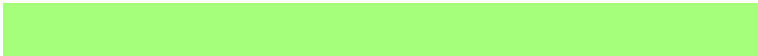
Harmonies

Analogous

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



F4EE54



A6FF7A



00FFBA

Triad

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



A6FF7A



00FCFF



FFAACE

Complementary

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



A6FF7A



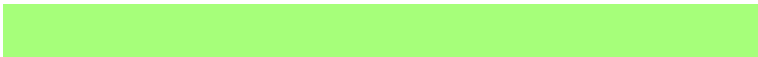
D37AFF

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.



FFB0FF



A6FF7A



9DE6FF

Square

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



A6FF7A



00FFFF



FFCAFF



FFBA8C

Rectangle

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



A6FF7A



00FFEC



FFCAFF



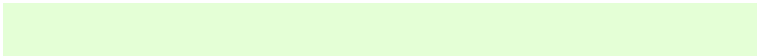
FFA9E6

Sweetspot

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



A6FF7A



E4FFD6



FFD37A



6F8067



000000



808080

Same Dimension

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



A6FF7A



93FF5E



7AFF90



778073



3FBF00



154000

Inverse Universe

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



D37AFF



CA5EFF



FF7AE9



7B7380



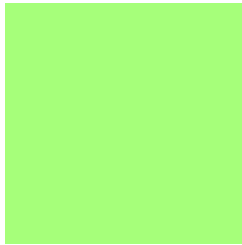
8000BF



2B0040

Previews

White Background



This preview shows how the Hex color A6FF7A looks on a white background.

Color Contrast Check

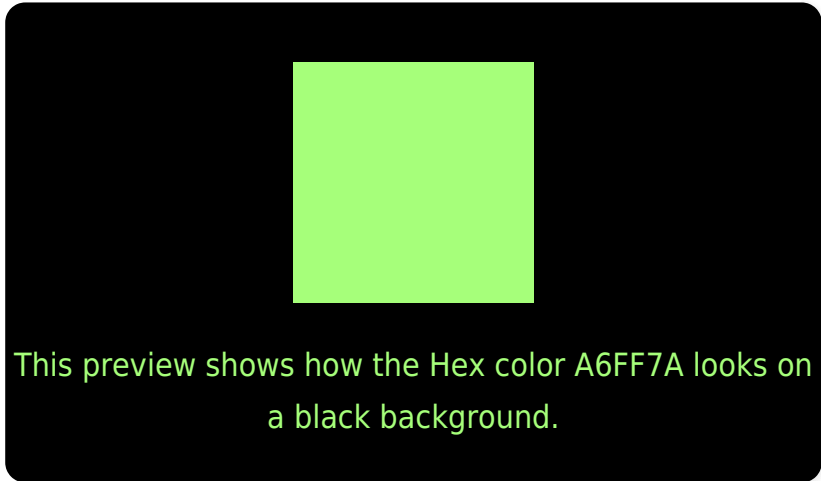
Large Text (above 18pt) WCAG AA × Fail

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

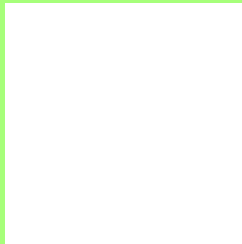
Any Text WCAG AAA ✓ Pass

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

Hex A6FF7A Background



This preview shows how black text looks on a background with the Hex color A6FF7A.

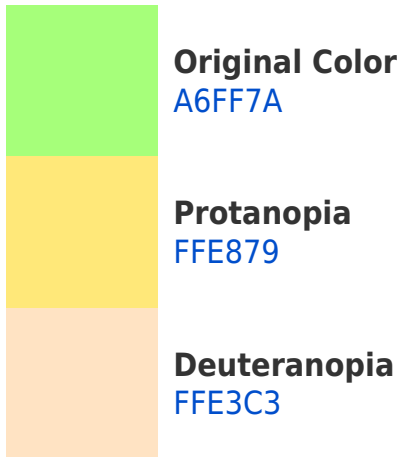


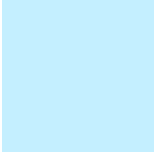
This preview shows how white text looks on a background with the Hex color A6FF7A.

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



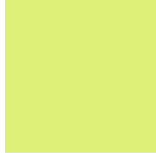


Tritanopia
C4EFFF

Trichromacy



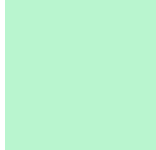
Original Color
A6FF7A



Protanomaly
DFF079

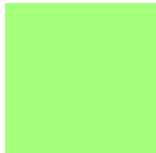


Deuteranomaly
DFEDA8

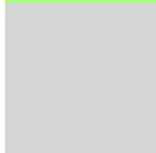


Tritanomaly
B9F5CF

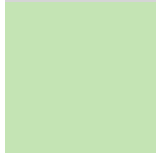
Monochromacy



Original Color
A6FF7A



Achromatopsia
D5D5D5



Achromatomaly
C4E4B4

CSS Examples

Text

The CSS property to change the color of the text to Hex A6FF7A 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 #A6FF7A looks like.

```
.text, #text, p{  
    color:#A6FF7A  
}
```

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 #A6FF7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6FF7A
}
```

Border

The CSS property to change the border of an element to Hex A6FF7A 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
#A6FF7A }
```

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

```
.border{ border-color:#A6FF7A }
```

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

Here you see how a box with a 4 pixel #A6FF7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6FF7A; -webkit-box-shadow:4px 4px  
4px 4px #A6FF7A; box-shadow:4px 4px 4px  
4px #A6FF7A }
```

Background

The CSS property to change the background color of an element to Hex A6FF7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6FF7A }
```

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

```
.background{ background-color:#A6FF7A }
```

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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