

# Converting Colors

Hex(A6FF6F)

Have a look what the booklet for  
Hex(A6FF6F) contains.

<b>Hex(A6FF6F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(A6FF6F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A6FF6F
RGB	166, 255, 111
RGB Percent	65%, 100%, 44%
CMY	0.3490, 0.0000, 0.5647
CMYK	0.35, 0.00, 0.56, 0.00
HSL	97°, 100%, 72%
HSV	97°, 56%, 100%
XYZ	54.3551, 80.7747, 27.7652
YIQ	211.9730, -6.8200, -63.6520

# Conversions

## Conversions Part 2

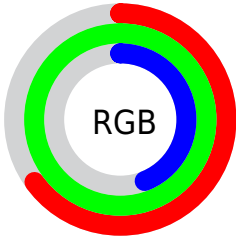
<b>Format</b>	<b>Color</b>
<b>RYB</b>	111, 255, 200
Decimal	10944367
CIELab	92.03, -50.63, 59.43
CIELCh	92, 78.076, 130.427
Yxy	80.7747, 0.3337, 0.4959
Android (android.graphics.Color)	4289134447 (0xFFA6FF6F)
YUV	211.9730, -49.7797, -40.3183
Hunter-Lab	89.8747, -49.3262, 44.5957

# Details

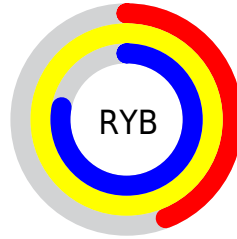
The Hex color **A6FF6F** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **C86FFF**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **E1FFA6**, and **6CC638** is the 20% darker color. If you saturate the color by 10%, you get **96FF56**, and if you desaturate by 10%, it is **B6FF89**.

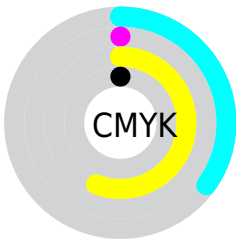
# Distribution



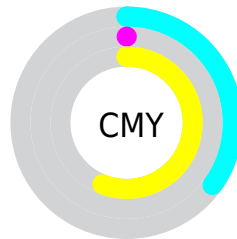
- Red (65%)
- Green (100%)
- Blue (44%)



- Red (44%)
- Yellow (100%)
- Blue (78%)



- Cyan (35%)
- Magenta (0%)
- Yellow (56%)
- Black (0%)



- Cyan (35%)
- Magenta (0%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A6FF6F 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 A6FF6F by changing the saturation by 10% instead.



 A6FF6F

 A6FF6F

FFFFFF

 89E254

 E1FFA6

 6CC638

 FFFFC3

 4FAA17

 FFFFEO

 2F8F00

FFFFFFD

 007500

 005B00

 004300

 002D00

 000E00

 A6FF6F

 A6FF6F

 96FF56

 B6FF89

 86FF3C

 C6FFA2

 77FF22

 D5FFBC

 67FF09

 E5FFD5

 61FF00

 F5FFEF

FFFFFF

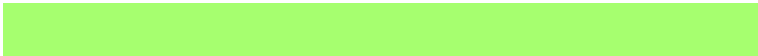
# Harmonies

## Analogous

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



F8ED47



A6FF6F



00FFB3

# Triad

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



A6FF6F



00FEFF



FFA3D1

# Complementary

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



A6FF6F



C86FFF

# 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.



FFACFF



A6FF6F



88E8FF

# Square

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



A6FF6F



00FFFF



FFC9FF



FFB58A

# Rectangle

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



A6FF6F



00FFE7



FFC9FF



FFA3EA

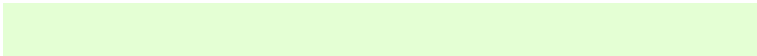


# Sweetspot

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



A6FF6F



E4FFD4



FFC86F



708066



000000



808080



# Same Dimension

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



A6FF6F



94FF52



6FFF80



788073



49BF00



184000



# Inverse Universe

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



C86FFF



BD52FF



FF6FEE



7B7380



7600BF

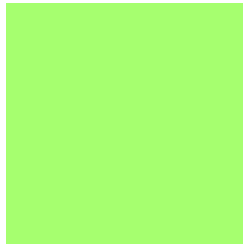


270040



# Previews

## White Background



This preview shows how the Hex color A6FF6F looks on a white background.

## Color Contrast Check

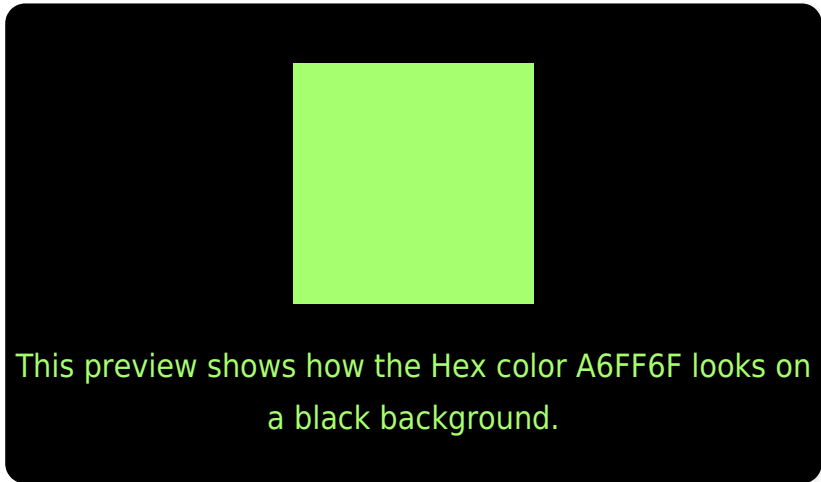
Large Text (above 18pt) WCAG AA × Fail

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

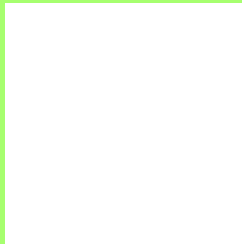
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A6FF6F Background



This preview shows how black text looks on a background with the Hex color A6FF6F.

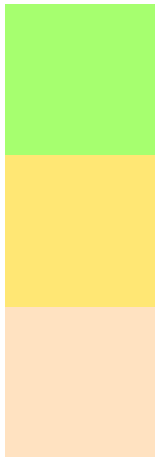


This preview shows how white text looks on a background with the Hex color A6FF6F.

# 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**  
A6FF6F

**Protanopia**  
FFE774

**Deuteranopia**  
FFE2C1



**Tritanopia**  
C4EEFF

# Trichromacy



**Original Color**  
A6FF6F



**Protanomaly**  
DFF072

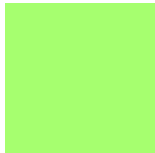


**Deuteranomaly**  
DFEDA3

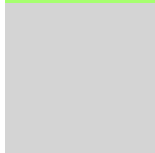


**Tritanomaly**  
B9F4CB

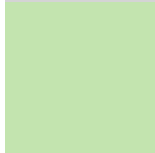
# Monochromacy



**Original Color**  
A6FF6F



**Achromatopsia**  
D4D4D4



**Achromatomaly**  
C3E4AF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A6FF6F 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 #A6FF6F looks like.

```
.text, #text, p{  
    color:#A6FF6F  
}
```

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 #A6FF6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6FF6F  
}
```

## Border

The CSS property to change the border of an element to Hex A6FF6F 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  
#A6FF6F }
```

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

```
.border{ border-color:#A6FF6F }
```

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

Here you see how a box with a 4 pixel #A6FF6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6FF6F; -webkit-box-shadow:4px 4px  
4px 4px #A6FF6F; box-shadow:4px 4px 4px  
4px #A6FF6F }
```

# Background

The CSS property to change the background color of an element to Hex A6FF6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6FF6F }
```

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

```
.background{ background-color:#A6FF6F }
```

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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