

# Converting Colors

Hex(A6FF8F)

Have a look what the booklet for  
Hex(A6FF8F) contains.

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# Color

Hex(A6FF8F)

# Conversions

## Conversions Part 1

Format	Color
Hex	A6FF8F
RGB	166, 255, 143
RGB Percent	65%, 100%, 56%
CMY	0.3490, 0.0000, 0.4392
CMYK	0.35, 0.00, 0.44, 0.00
HSL	108°, 100%, 78%
HSV	108°, 44%, 100%
XYZ	56.4438, 81.6102, 38.7640
YIQ	215.6210, -17.0920, -53.7000

# Conversions

## Conversions Part 2

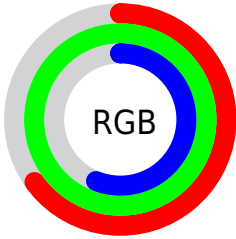
<b>Format</b>	<b>Color</b>
<b>RYB</b>	143, 255, 232
Decimal	10944399
CIELab	92.40, -46.98, 45.15
CIELCh	92, 65.161, 136.137
Yxy	81.6102, 0.3192, 0.4615
Android (android.graphics.Color)	4289134479 (0xFFA6FF8F)
YUV	215.6210, -35.8022, -43.5176
Hunter-Lab	90.3383, -46.5645, 37.7956

# Details

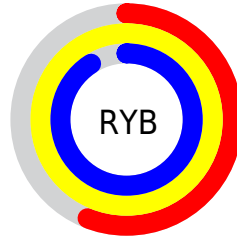
The Hex color **A6FF8F** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E88FFF**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **E0FFC6**, and **6EC65A** is the 20% darker color. If you saturate the color by 10%, you get **92FF76**, and if you desaturate by 10%, it is **BAFFA9**.

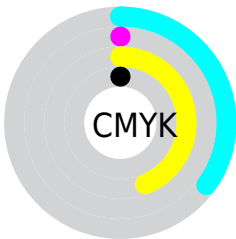
# Distribution



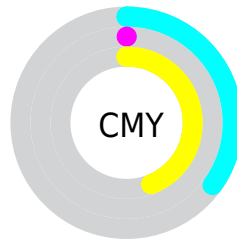
- Red (65%)
- Green (100%)
- Blue (56%)



- Red (56%)
- Yellow (100%)
- Blue (91%)



- Cyan (35%)
- Magenta (0%)
- Yellow (44%)
- Black (0%)



- Cyan (35%)
- Magenta (0%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A6FF8F 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 A6FF8F by changing the saturation by 10% instead.



 A6FF8F

 A6FF8F

FFFFFF

 8AE274

 E0FFC6

 6EC65A

 FEFFE3

 51AA41

 348F27

 0C7507

 005B00

 004300

 002D00

 001000

 A6FF8F

 A6FF8F

 92FF76

 BAFFA9

 7DFF5C

 CFFFC2

 69FF42

 E3FFDC

 55FF29

 F7FFF5

 41FF10

FFFFFF

 34FF00

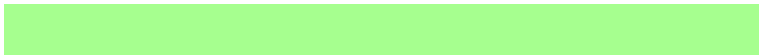
# Harmonies

## Analogous

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



EDF06B



A6FF8F



30FFC9

# Triad

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



A6FF8F



00F8FF



FFB5CA

# Complementary

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



A6FF8F



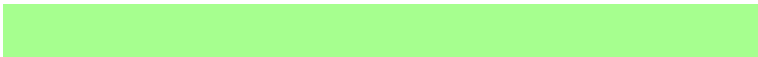
E88FFF

# Split Complementary

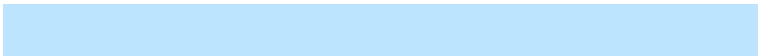
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB8FF



A6FF8F



BDE4FF

# Square

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



A6FF8F



00FFFF



FFCBFF



FFC491

# Rectangle

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



A6FF8F



00FFF5



FFCBFF

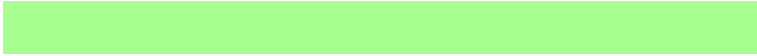


FFB4DF

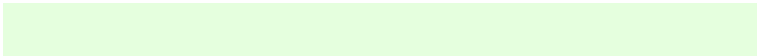


# Sweetspot

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



A6FF8F



E5FFDE



FFE78F



6F806B



000000

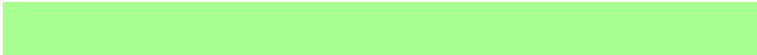


808080



# Same Dimension

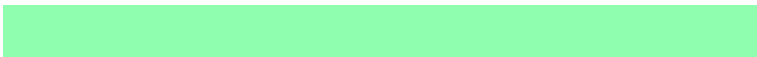
The Same Dimension uses a secret algorithm to generate beautiful new colors.



A6FF8F



94FF78



8FFFAF



758073



27BF00



0D4000



# Inverse Universe

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



E88FFF



E378FF



FF8FDF



7D7380



9800BF

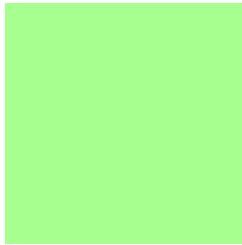


330040



# Previews

## White Background



This preview shows how the Hex color A6FF8F looks on a white background.

## Color Contrast Check

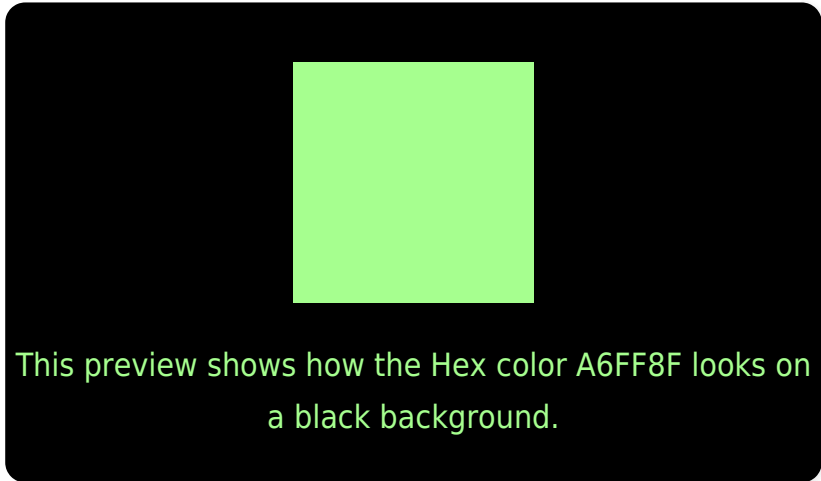
Large Text (above 18pt) WCAG AA × Fail

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

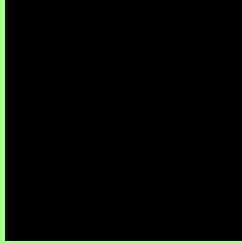
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A6FF8F Background



This preview shows how black text looks on a background with the Hex color A6FF8F.

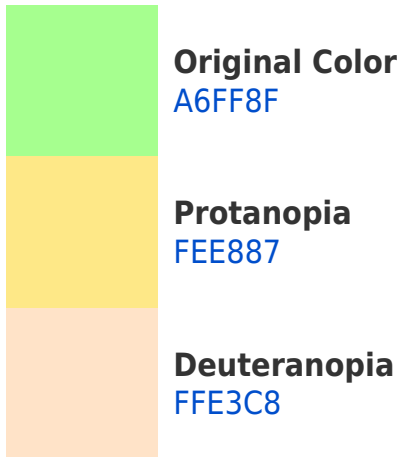


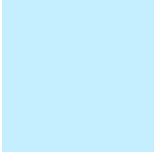
This preview shows how white text looks on a background with the Hex color A6FF8F.

# 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



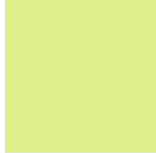


**Tritanopia**  
C5EFFF

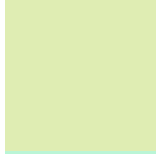
# Trichromacy



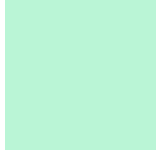
**Original Color**  
A6FF8F



**Protanomaly**  
DEF08A

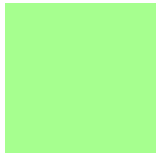


**Deuteranomaly**  
DFEDB3

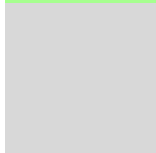


**Tritanomaly**  
BAF5D6

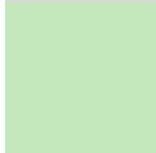
# Monochromacy



**Original Color**  
A6FF8F



**Achromatopsia**  
D8D8D8



**Achromatomaly**  
C6E6BD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A6FF8F 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 #A6FF8F looks like.

```
.text, #text, p{  
    color:#A6FF8F  
}
```

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 #A6FF8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6FF8F
}
```

## Border

The CSS property to change the border of an element to Hex A6FF8F 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
#A6FF8F }
```

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

```
.border{ border-color:#A6FF8F }
```

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

Here you see how a box with a 4 pixel #A6FF8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6FF8F; -webkit-box-shadow:4px 4px  
4px 4px #A6FF8F; box-shadow:4px 4px 4px  
4px #A6FF8F }
```

# Background

The CSS property to change the background color of an element to Hex A6FF8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6FF8F }
```

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

```
.background{ background-color:#A6FF8F }
```

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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