

# Converting Colors

Hex(A3FFA7)

Have a look what the booklet for  
Hex(A3FFA7) contains.

<b>Hex(A3FFA7)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(A3FFA7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A3FFA7
RGB	163, 255, 167
RGB Percent	64%, 100%, 65%
CMY	0.3608, 0.0000, 0.3451
CMYK	0.36, 0.00, 0.35, 0.00
HSL	123°, 100%, 82%
HSV	123°, 36%, 100%
XYZ	57.8393, 82.0966, 49.3570
YIQ	217.4600, -26.5840, -46.8720

# Conversions

## Conversions Part 2

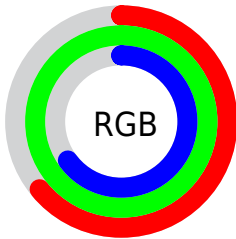
Format	Color
<a href="#">RYB</a>	<a href="#">163, 251, 255</a>
Decimal	<a href="#">10747815</a>
CIELab	<a href="#">92.62, -44.47, 33.64</a>
CIELCh	<a href="#">93, 55.760, 142.899</a>
Yxy	<a href="#">82.0966, 0.3056, 0.4337</a>
Android (android.graphics.Color)	<a href="#">4288937895</a> <a href="#">(0xFFA3FFA7)</a>
YUV	<a href="#">217.4600, -24.8768, -47.7614</a>
Hunter-Lab	<a href="#">90.6071, -44.6166, 31.1276</a>

# Details

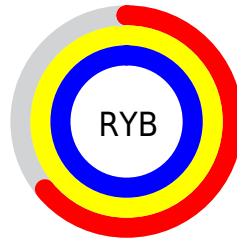
The Hex color **A3FFA7** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **FFA3FB**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **DDFFDF**, and **6BC672** is the 20% darker color. If you saturate the color by 10%, you get **89FF8F**, and if you desaturate by 10%, it is **BCFFBF**.

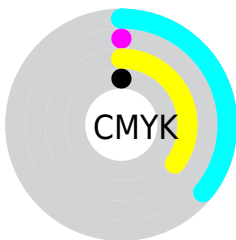
# Distribution



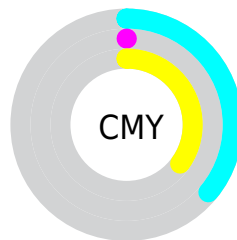
- Red (64%)
- Green (100%)
- Blue (65%)



- Red (64%)
- Yellow (98%)
- Blue (100%)



- Cyan (36%)
- Magenta (0%)
- Yellow (35%)
- Black (0%)



- Cyan (36%)
- Magenta (0%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3FFA7 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 A3FFA7 by changing the saturation by 10% instead.



 A3FFA7

 A3FFA7

FFFFFF

 87E28C

 DDFDFD

 6BC672

 FAFFFC

 4FAA59

 328F40

 0A7528

 005B10

 004300

 002D00

 001100

 A3FFA7

 A3FFA7

 89FF8F

 BCFFBF

 70FF76

 D6FFD8

 56FF5E

 EFFFF0

 3DFF45

FFFFFF

 23FF2D

 0AFF15

 00FF0B

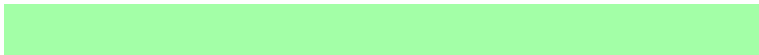
# Harmonies

## Analogous

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



E2F384



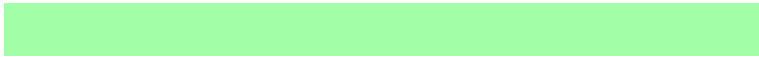
A3FFA7



4DFFDB

# Triad

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



A3FFA7



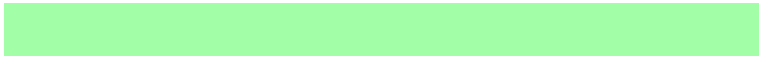
78F3FF



FFC1C3

# Complementary

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



A3FFA7



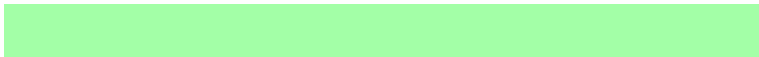
FFA3FB

# 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.



FFC0F9



A3FFA7



DCE1FF

# Square

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



A3FFA7



00FFFF



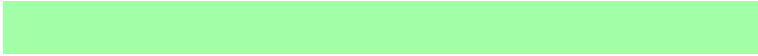
FFCDDF



FFCF96

# Rectangle

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



A3FFA7



00FFFF



FFCDDF

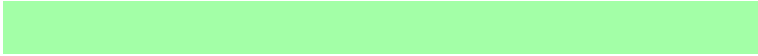


FFBFD4

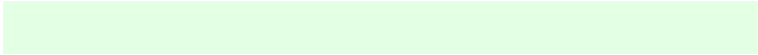


# Sweetspot

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



A3FFA7



E3FFE4



FCFFA3



6F8070



000000

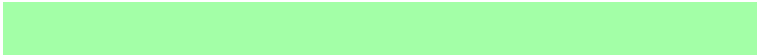


808080

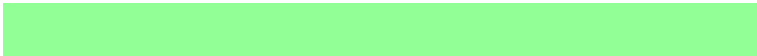


# Same Dimension

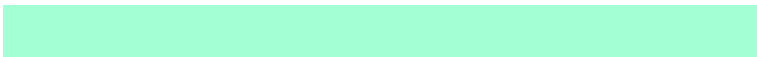
The Same Dimension uses a secret algorithm to generate beautiful new colors.



A3FFA7



91FF96



A3FFD4



738073



00BF08



004003



# Inverse Universe

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



FFA3FB



FF91FA



FFA3CE



80737F



BF00B7

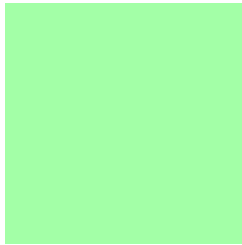


40003D



# Previews

## White Background



This preview shows how the Hex color A3FFA7 looks on a white background.

## Color Contrast Check

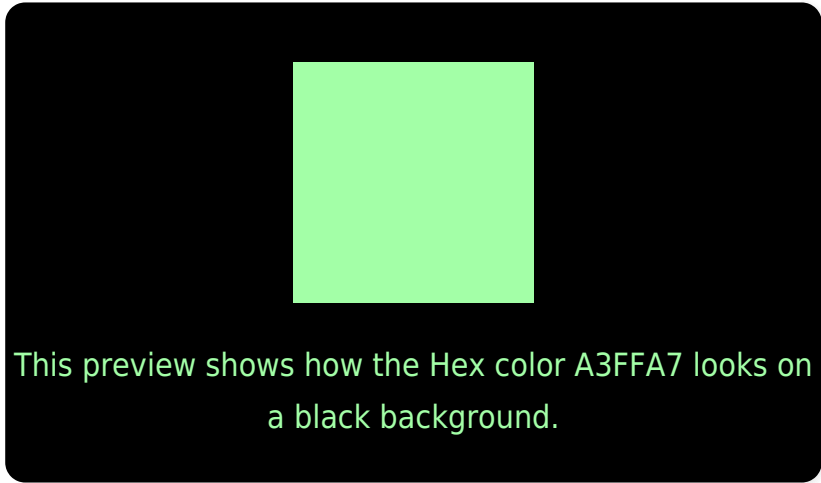
Large Text (above 18pt) WCAG AA × Fail

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

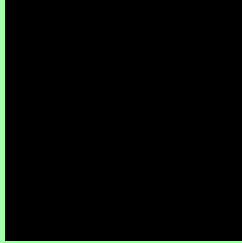
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

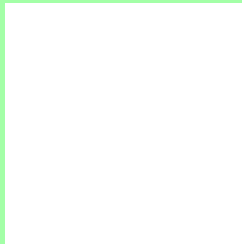
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A3FFA7 Background



This preview shows how black text looks on a background with the Hex color A3FFA7.

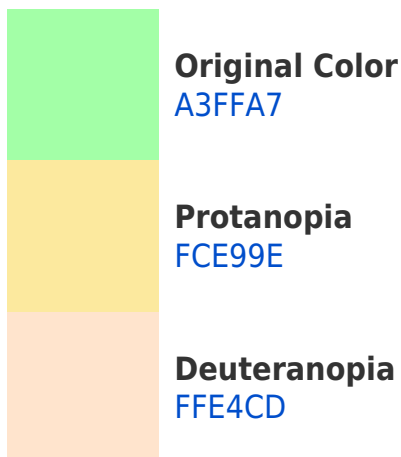


This preview shows how white text looks on a background with the Hex color A3FFA7.

# 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



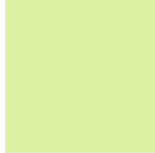


**Tritanopia**  
C5F0FF

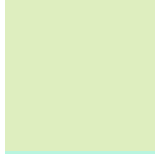
# Trichromacy



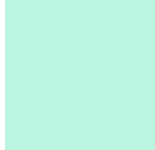
**Original Color**  
A3FFA7



**Protanomaly**  
DCF1A1



**Deuteranomaly**  
DEEEBF

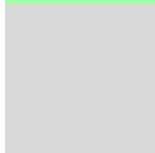


**Tritanomaly**  
B9F5DF

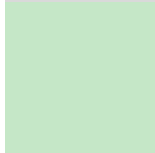
# Monochromacy



**Original Color**  
A3FFA7



**Achromatopsia**  
D9D9D9



**Achromatomaly**  
C5E7C7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3FFA7 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 #A3FFA7 looks like.

```
.text, #text, p{  
    color:#A3FFA7  
}
```

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 #A3FFA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3FFA7
}
```

## Border

The CSS property to change the border of an element to Hex A3FFA7 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
#A3FFA7 }
```

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

```
.border{ border-color:#A3FFA7 }
```

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

Here you see how a box with a 4 pixel #A3FFA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3FFA7; -webkit-box-shadow:4px 4px  
4px 4px #A3FFA7; box-shadow:4px 4px 4px  
4px #A3FFA7 }
```

# Background

The CSS property to change the background color of an element to Hex A3FFA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3FFA7 }
```

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

```
.background{ background-color:#A3FFA7 }
```

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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