

# Converting Colors

Hex(A7FFF3)

Have a look what the booklet for  
Hex(A7FFF3) contains.

<b>Hex(A7FFF3)</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(A7FFF3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A7FFF3
RGB	167, 255, 243
RGB Percent	65%, 100%, 95%
CMY	0.3451, 0.0000, 0.0471
CMYK	0.35, 0.00, 0.05, 0.00
HSL	172°, 100%, 83%
HSV	172°, 35%, 100%
XYZ	67.8740, 86.2066, 97.8562
YIQ	227.3200, -48.5960, -22.3880

# Conversions

## Conversions Part 2

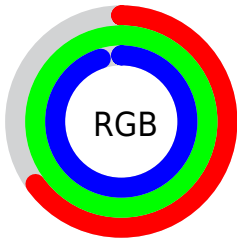
<b>Format</b>	<b>Color</b>
<b>RYB</b>	167, 214, 255
Decimal	11010035
CIELab	94.40, -28.95, -2.66
CIElCh	94, 29.072, 185.252
Yxy	86.2066, 0.2694, 0.3422
Android (android.graphics.Color)	4289200115 (0xFFA7FFF3)
YUV	227.3200, 7.7302, -52.9006
Hunter-Lab	92.8475, -31.9948, 2.5048

# Details

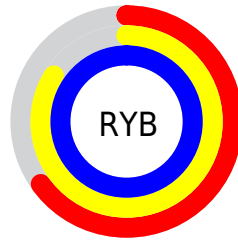
The Hex color **A7FFF3** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FFA7B3**, and the grayscale version is **E3E3E3**.

A 20% lighter version of the original color is **E1FFFF**, and **6FC6BB** is the 20% darker color. If you saturate the color by 10%, you get **8EFFF0**, and if you desaturate by 10%, it is **C1FFF6**.

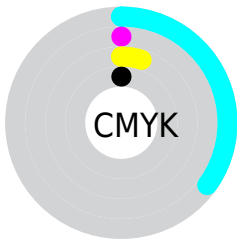
# Distribution



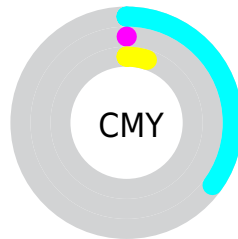
- Red (65%)
- Green (100%)
- Blue (95%)



- Red (65%)
- Yellow (84%)
- Blue (100%)



- Cyan (35%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)



- Cyan (35%)
- Magenta (0%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7FFF3 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 A7FFF3 by changing the saturation by 10% instead.



 A7FFF3

FFFFFF

 E1FFFF

FEFFFF


 A7FFF3

 8BE2D7

 6FC6BB

 53AAA0

 369086

 11766D

 005D54

 00453D

 002E28

 001913

 A7FFF3

 A7FFF3

 8EFFF0

 C1FFF6

 74FFEC

 DAFFFA

 5BFFE9

 F4FFFD

 41FFE5

FFFFFF

 28FFE2

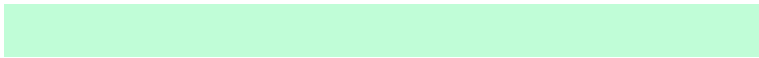
 0EFFDE

 00FFDC

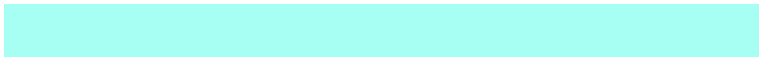
# Harmonies

## Analogous

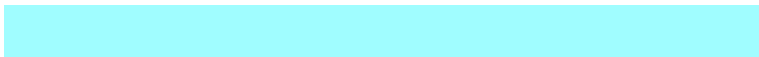
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



C0FDD7



A7FFF3



A0FDFF

# Triad

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



A7FFF3



FAE6FF



FFE5BD

# Complementary

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



A7FFF3



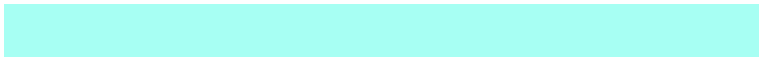
FFA7B3

# 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.



FFDED0



A7FFF3



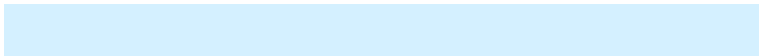
FFDEFF

# Square

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



A7FFF3



D4FOFF



FFDBEB



FFEFB7

# Rectangle

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



A7FFF3



A9FAFF



FFDBEB



FFE2C2



# Sweetspot

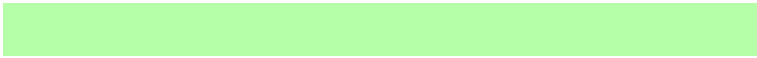
The Sweet Spot groups the original color and five complimentary colors.



A7FFF3



E6FFFC



B4FFA7



70807D



000000



808080



# Same Dimension

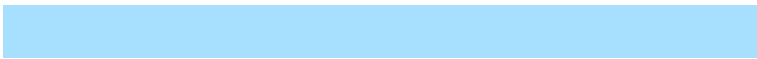
The Same Dimension uses a secret algorithm to generate beautiful new colors.



A7FFF3



96FFF1



A7E0FF



73807E



00BFA5



004037



# Inverse Universe

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



FFA7B3



FF96A5



FFC6A7



807374



BF001A

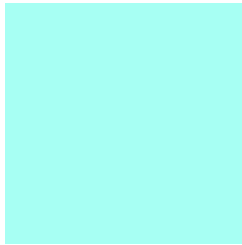


400009



# Previews

## White Background



This preview shows how the Hex color A7FFF3 looks on a white background.

## Color Contrast Check

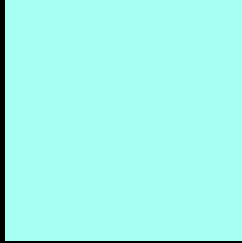
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color A7FFF3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

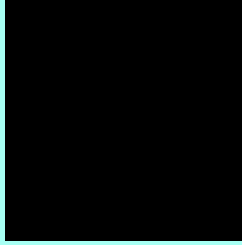
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

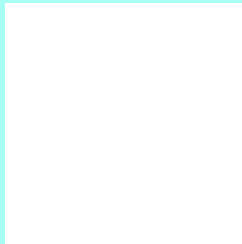
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A7FFF3 Background



This preview shows how black text looks on a background with the Hex color A7FFF3.

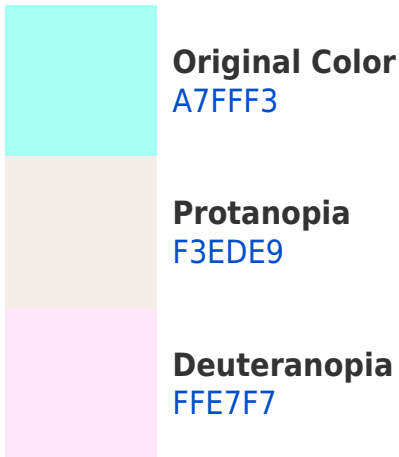


This preview shows how white text looks on a background with the Hex color A7FFF3.

# 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



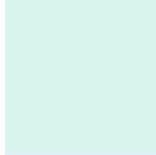


**Tritanopia**  
D1F4FF

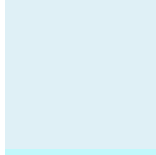
# Trichromacy



**Original Color**  
A7FFF3



**Protanomaly**  
D7F4ED



**Deuteranomaly**  
DFF0F6

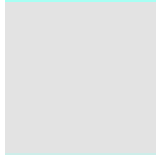


**Tritanomaly**  
C2F8FB

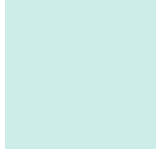
# Monochromacy



**Original Color**  
A7FFF3



**Achromatopsia**  
E3E3E3



**Achromatomaly**  
CDEDE9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7FFF3 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 #A7FFF3 looks like.

```
.text, #text, p{  
    color:#A7FFF3  
}
```

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 #A7FFF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7FFF3  
}
```

## Border

The CSS property to change the border of an element to Hex A7FFF3 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  
#A7FFF3 }
```

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

```
.border{ border-color:#A7FFF3 }
```

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

Here you see how a box with a 4 pixel #A7FFF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7FFF3; -webkit-box-shadow:4px 4px  
4px 4px #A7FFF3; box-shadow:4px 4px 4px  
4px #A7FFF3 }
```

# Background

The CSS property to change the background color of an element to Hex A7FFF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7FFF3 }
```

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

```
.background{ background-color:#A7FFF3 }
```

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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