

# Converting Colors

Hex(A3FFE7)

Have a look what the booklet for  
Hex(A3FFE7) contains.

<b>Hex(A3FFE7)</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(A3FFE7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A3FFE7
RGB	163, 255, 231
RGB Percent	64%, 100%, 91%
CMY	0.3608, 0.0000, 0.0941
CMYK	0.36, 0.00, 0.09, 0.00
HSL	164°, 100%, 82%
HSV	164°, 36%, 100%
XYZ	65.2881, 85.0761, 88.5816
YIQ	224.7560, -47.1280, -26.9680

# Conversions

## Conversions Part 2

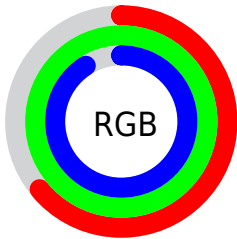
<b>Format</b>	<b>Color</b>
<b>RYB</b>	163, 216, 255
Decimal	10747879
CIELab	93.92, -32.61, 2.80
CIElCh	94, 32.730, 175.085
Yxy	85.0761, 0.2732, 0.3560
Android (android.graphics.Color)	4288937959 (0xFFA3FFE7)
YUV	224.7560, 3.0783, -54.1600
Hunter-Lab	92.2367, -35.0662, 7.6252

# Details

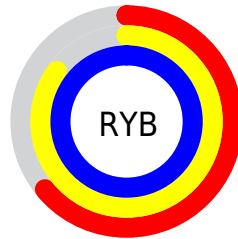
The Hex color **A3FFE7** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FFA3BB**, and the grayscale version is **E1E1E1**.

A 20% lighter version of the original color is **DDFFFF**, and **6BC6AF** is the 20% darker color. If you saturate the color by 10%, you get **89FFE0**, and if you desaturate by 10%, it is **BCFFEE**.

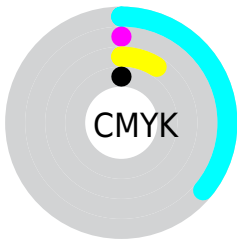
# Distribution



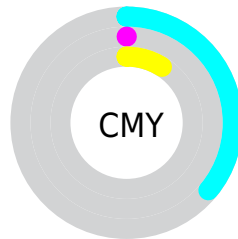
- Red (64%)
- Green (100%)
- Blue (91%)



- Red (64%)
- Yellow (85%)
- Blue (100%)



- Cyan (36%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)



- Cyan (36%)
- Magenta (0%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3FFE7 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 A3FFE7 by changing the saturation by 10% instead.



 A3FFE7

 A3FFE7

FFFFFF


 87E2CB

 DDFFFF

 6BC6AF

 FAFFFF

 4FAA95

 31907B

 087662

 005C4A

 004434

 002D1F

 001607

 A3FFE7

 A3FFE7

 89FFE0

 BCFEE

 70FFDA

 D6FFF4

 56FFD3

 EFFFFB

 3DFFCC

FFFFFF

 23FFC6

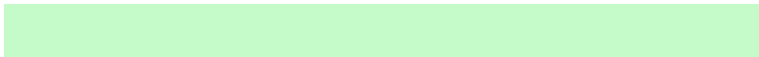
 0AFFBF

 00FFBC

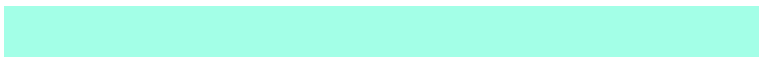
# Harmonies

## Analogous

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



C4FBC8



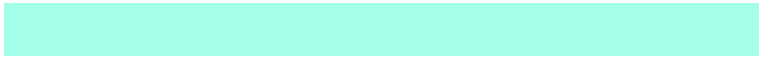
A3FFE7



90FFFF

# Triad

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



A3FFE7



ECE7FF



FFDFBB

# Complementary

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



A3FFE7



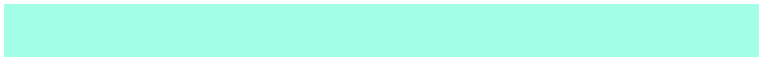
FFA3BB

# 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.



FFD8D4



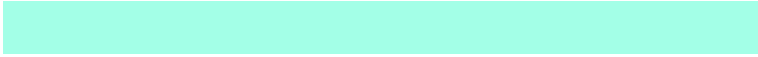
A3FFE7



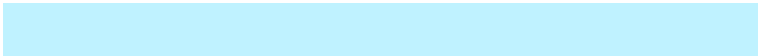
FFDDFF

# Square

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



A3FFE7



BFF2FF



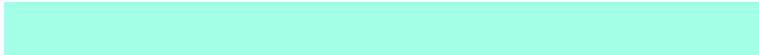
FFD7F4



FFEAAF

# Rectangle

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



A3FFE7



94FCFF



FFD7F4



FFDCC2

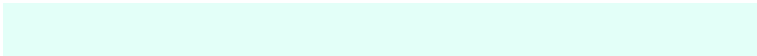


# Sweetspot

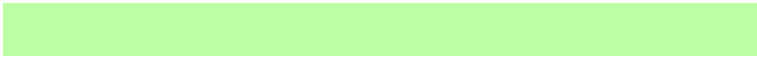
The Sweet Spot groups the original color and five complimentary colors.



A3FFE7



E3FFF8



BCFFA3



6F807B



000000



808080



# Same Dimension

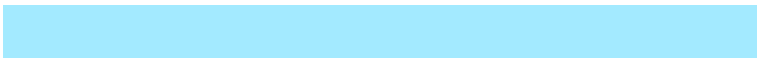
The Same Dimension uses a secret algorithm to generate beautiful new colors.



A3FFE7



91FFE2



A3EAFF



73807C



00BF8D



00402F



# Inverse Universe

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



FFA3BB



FF91AE



FFB8A3



807376



BF0032

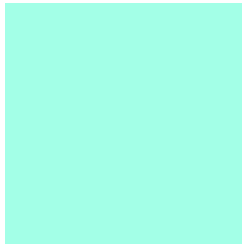


400011



# Previews

## White Background



This preview shows how the Hex color A3FFE7 looks on a white background.

## Color Contrast Check

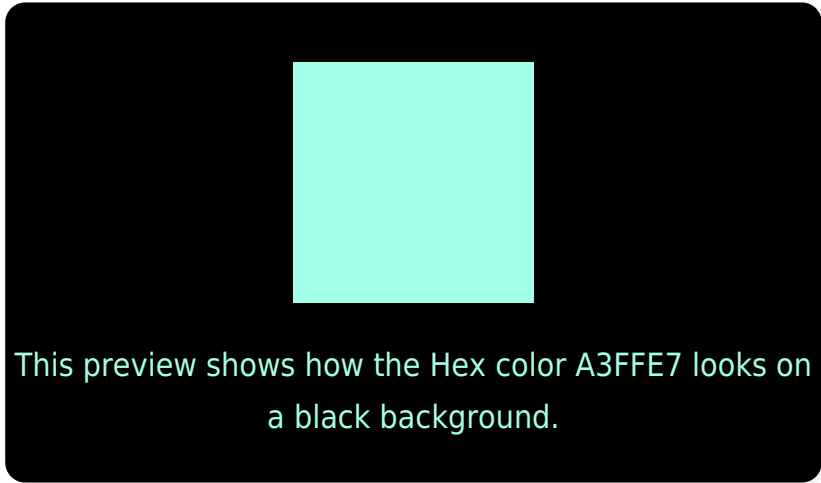
Large Text (above 18pt) WCAG AA × Fail

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

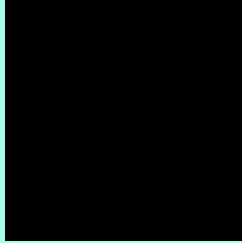
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A3FFE7 Background



This preview shows how black text looks on a background with the Hex color A3FFE7.



This preview shows how white text looks on a background with the Hex color A3FFE7.

# 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**  
CDF4FF

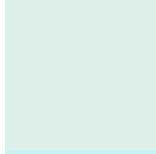
# Trichromacy



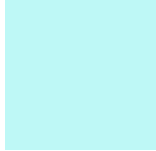
**Original Color**  
A3FFE7



**Protanomaly**  
D7F2E0

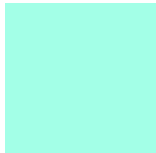


**Deuteranomaly**  
DEEFEA

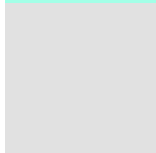


**Tritanomaly**  
BEF8F6

# Monochromacy



**Original Color**  
A3FFE7



**Achromatopsia**  
E1E1E1



**Achromatomaly**  
CAECE3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3FFE7 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 #A3FFE7 looks like.

```
.text, #text, p{  
    color:#A3FFE7  
}
```

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 #A3FFE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3FFE7
}
```

## Border

The CSS property to change the border of an element to Hex A3FFE7 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
#A3FFE7 }
```

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

```
.border{ border-color:#A3FFE7 }
```

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

Here you see how a box with a 4 pixel #A3FFE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3FFE7; -webkit-box-shadow:4px 4px  
4px 4px #A3FFE7; box-shadow:4px 4px 4px  
4px #A3FFE7 }
```

# Background

The CSS property to change the background color of an element to Hex A3FFE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3FFE7 }
```

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

```
.background{ background-color:#A3FFE7 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor