

# Converting Colors

Hex(A7E1FF)

Have a look what the booklet for  
Hex(A7E1FF) contains.

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# **Color**

**Hex(A7E1FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A7E1FF
RGB	167, 225, 255
RGB Percent	65%, 88%, 100%
CMY	0.3451, 0.1176, 0.0000
CMYK	0.35, 0.12, 0.00, 0.00
HSL	200°, 100%, 83%
HSV	200°, 35%, 100%
XYZ	60.9116, 69.2859, 104.7709
YIQ	211.0780, -44.1980, -2.9660

# Conversions

## Conversions Part 2

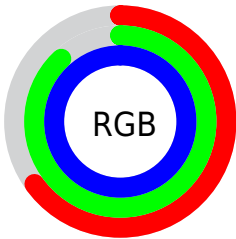
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	167, 202, 255
Decimal	11002367
CIE <sub>Lab</sub>	86.65, -11.36, -20.47
CIE <sub>LCh</sub>	87, 23.414, 240.982
Yxy	69.2859, 0.2592, 0.2949
Android (android.graphics.Color)	4289192447 (0xFFA7E1FF)
YUV	211.0780, 21.6535, -38.6564
Hunter-Lab	83.2382, -15.0450, -16.3609

# Details

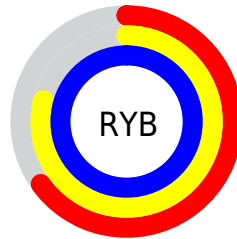
The Hex color **A7E1FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFC5A7**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **E0FFFF**, and **70AAC6** is the 20% darker color. If you saturate the color by 10%, you get **8ED8FF**, and if you desaturate by 10%, it is **C1EAFF**.

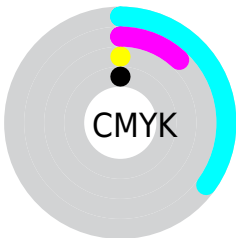
# Distribution



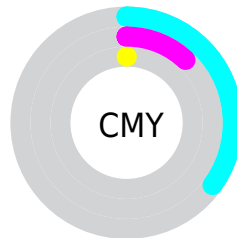
- Red (65%)
- Green (88%)
- Blue (100%)



- Red (65%)
- Yellow (79%)
- Blue (100%)



- Cyan (35%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (12%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7E1FF 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 A7E1FF by changing the saturation by 10% instead.



 A7E1FF

 A7E1FF

FFFFFF

 8BC5E2

 E0FFFF

 70AAC6

FEFFFF

 548FAB

 397690

 195D77

 00455E

 002F46

 001B30

 00011B

 A7E1FF

 A7E1FF

 8ED8FF

 C1EAFF

 74D0FF

 DAF2FF

 5BC7FF

 F4FBFF

 41BEFF

FFFFFF

 28B6FF

 0EADFF

 00A8FF

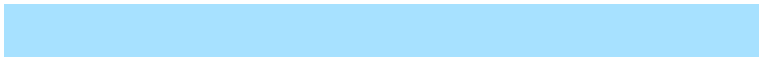
# Harmonies

## Analogous

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



9CE5EF



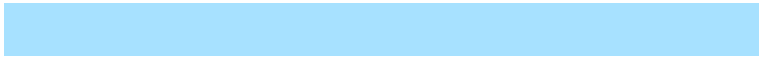
A7E1FF



C0DBFF

# Triad

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



A7E1FF



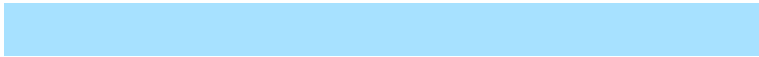
FFC9D9



D1DEB3

# Complementary

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



A7E1FF



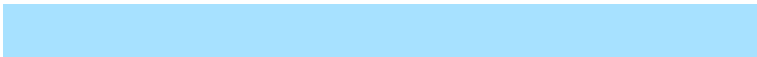
FFC5A7

# 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.



E9D8AD



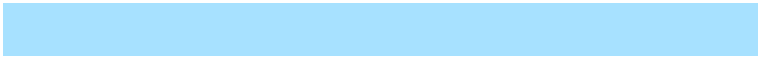
A7E1FF



FFCBC3

# Square

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



A7E1FF



F7CCEF



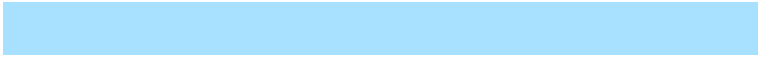
FCD0B3



B8E3C3

# Rectangle

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



A7E1FF



D4D6FF



FCD0B3

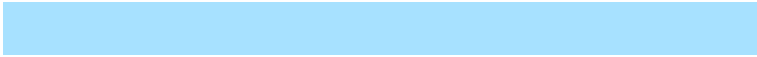


D9DCAF

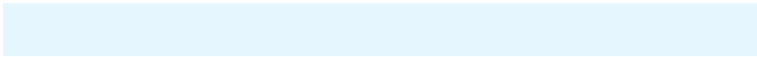


# Sweetspot

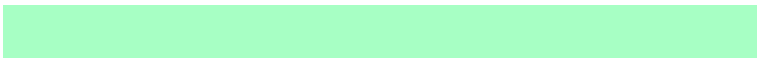
The Sweet Spot groups the original color and five complimentary colors.



A7E1FF



E6F6FF



A7FFC4



707A80



000000

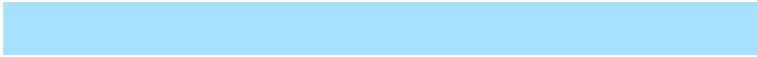


808080

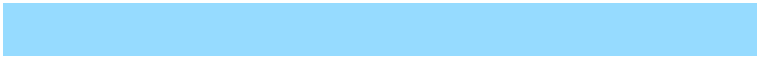


# Same Dimension

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



A7E1FF



96DBFF



A7B6FF



737B80



007EBF



002A40



# Inverse Universe

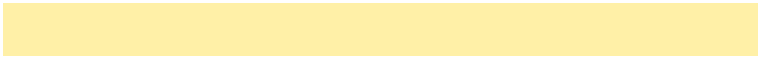
The Inverse Universe completely reimagines the original color for something new.



FFA7E1



FF96DB



FFF0A7



80737B



BF007E

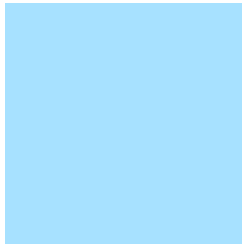


40002A



# Previews

## White Background



This preview shows how the Hex color A7E1FF looks on a white background.

## Color Contrast Check

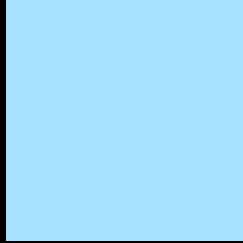
Large Text (above 18pt) WCAG AA × Fail

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 A7E1FF 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 A7E1FF Background



This preview shows how black text looks on a background with the Hex color A7E1FF.

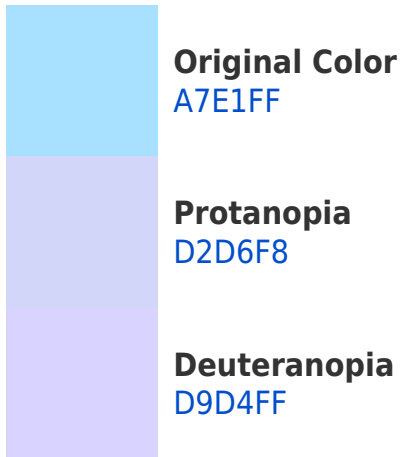


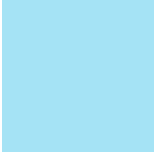
This preview shows how white text looks on a background with the Hex color A7E1FF.

# 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](#).

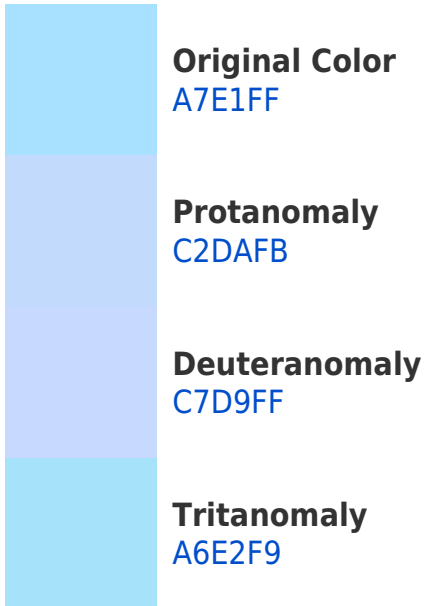
## Dichromacy



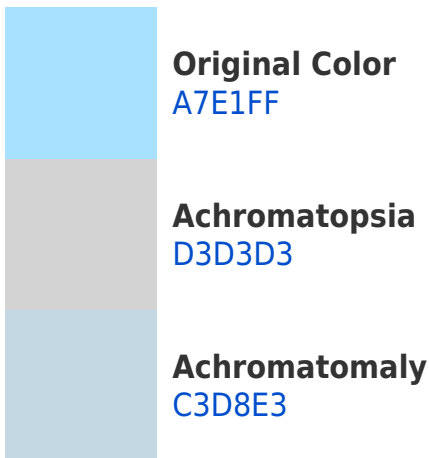


**Tritanopia**  
A5E3F5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7E1FF 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 #A7E1FF looks like.

```
.text, #text, p{  
    color:#A7E1FF  
}
```

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 #A7E1FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7E1FF
}
```

## Border

The CSS property to change the border of an element to Hex A7E1FF 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
#A7E1FF }
```

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

```
.border{ border-color:#A7E1FF }
```

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

Here you see how a box with a 4 pixel #A7E1FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7E1FF; -webkit-box-shadow:4px 4px  
4px 4px #A7E1FF; box-shadow:4px 4px 4px  
4px #A7E1FF }
```

# Background

The CSS property to change the background color of an element to Hex A7E1FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7E1FF }
```

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

```
.background{ background-color:#A7E1FF }
```

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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