

# Converting Colors

Hex(A7F7E3)

Have a look what the booklet for  
Hex(A7F7E3) contains.

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# **Color**

**Hex(A7F7E3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A7F7E3
RGB	167, 247, 227
RGB Percent	65%, 97%, 89%
CMY	0.3451, 0.0314, 0.1098
CMYK	0.32, 0.00, 0.08, 0.03
HSL	165°, 83%, 81%
HSV	165°, 32%, 97%
XYZ	63.0622, 80.2831, 84.8455
YIQ	220.8000, -41.2600, -23.1800

# Conversions

## Conversions Part 2

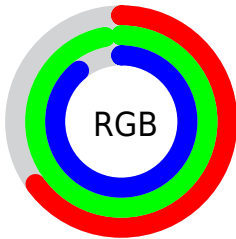
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	167, 213, 247
Decimal	11007971
CIE <sub>Lab</sub>	91.81, -28.61, 1.84
CIE <sub>LCh</sub>	92, 28.671, 176.322
Yxy	80.2831, 0.2764, 0.3518
Android (android.graphics.Color)	4289198051 (0xFFA7F7E3)
YUV	220.8000, 3.0566, -47.1826
Hunter-Lab	89.6008, -31.1708, 6.5772

# Details

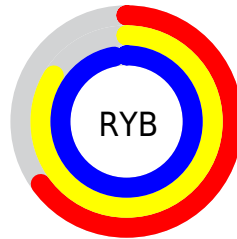
The Hex color **A7F7E3** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F7A7BB**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **E0FFFF**, and **70BEAC** is the 20% darker color. If you saturate the color by 10%, you get **8EF7DD**, and if you desaturate by 10%, it is **C0F7E9**.

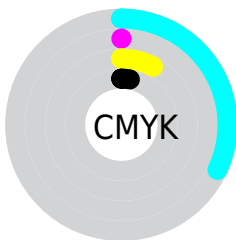
# Distribution



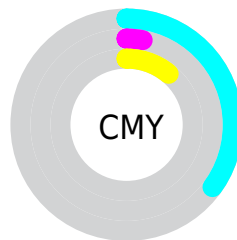
- Red (65%)
- Green (97%)
- Blue (89%)



- Red (65%)
- Yellow (84%)
- Blue (97%)



- Cyan (32%)
- Magenta (0%)
- Yellow (8%)
- Black (3%)



- Cyan (35%)
- Magenta (3%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7F7E3 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 A7F7E3 by changing the saturation by 10% instead.



 A7F7E3

 A7F7E3

FFFFFF

 8BDAC7

 E0FFFF

 70BEAC

FEFFFF

 55A391

 398978

 1A6F5F

 005647

 003E31

 00281C

 000C02

 A7F7E3

 A7F7E3

 8EF7DD

 C0F7E9

 76F7D7

 D8F7EF

 5DF7D0

 F1F7F6

 44F7CA

 FFF7FC

 2CF7C4

 FFF7FF

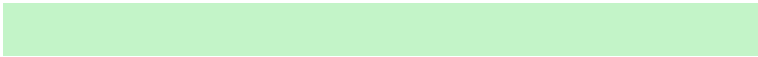
 13F7BE

 00F7B9

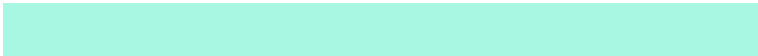
# Harmonies

## Analogous

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



C3F4C8



A7F7E3



99F7FF

# Triad

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



A7F7E3



E8E2FF



FFDCBB

# Complementary

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



A7F7E3



F7A7BB

# 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.



FFD5D0



A7F7E3



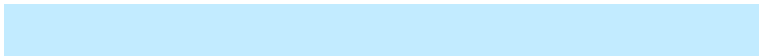
FFD9FF

# Square

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



A7F7E3



C2EBFF



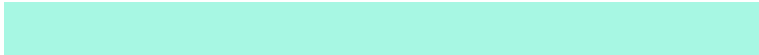
FFD4EC



FFE5B1

# Rectangle

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



A7F7E3



9DF4FF



FFD4EC



FFD9C1



# Sweetspot

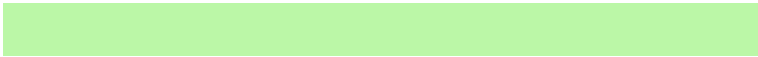
The Sweet Spot groups the original color and five complimentary colors.



A7F7E3



E6FFF9



BBF7A7



70807C



000000



808080



# Same Dimension

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



A7F7E3



9CFFE6



A7E3F7



6E7A77



00BA8C



003B2C



# Inverse Universe

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



F7A7BB



FF9CB4



F7BBA7



7A6E71



BA002F

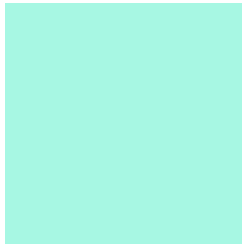


3B000F



# Previews

## White Background



This preview shows how the Hex color A7F7E3 looks on a white background.

## Color Contrast Check

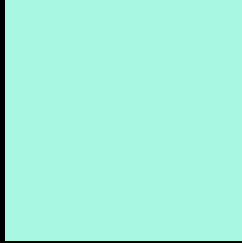
Large Text (above 18pt) WCAG AA × Fail

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 A7F7E3 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 A7F7E3 Background



This preview shows how black text looks on a background with the Hex color A7F7E3.

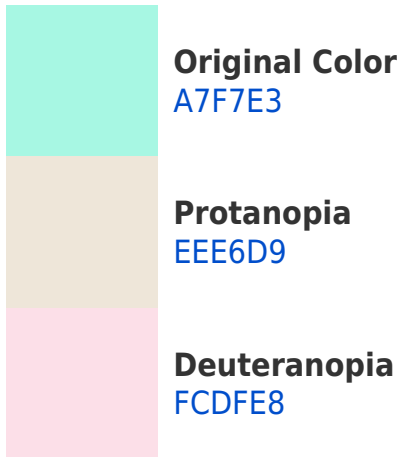


This preview shows how white text looks on a background with the Hex color A7F7E3.

# 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



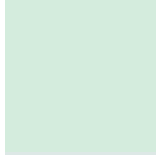


# Trichromacy



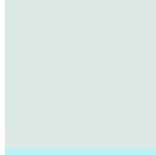
**Original Color**

A7F7E3



**Protanomaly**

D4ECDD



**Deuteranomaly**

DDE8E6



**Tritanomaly**

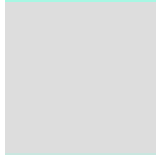
B5F3F5

# Monochromacy



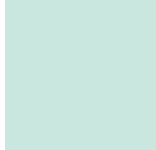
**Original Color**

A7F7E3



**Achromatopsia**

DDDDDD



**Achromatomaly**

C9E6DF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7F7E3 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 #A7F7E3 looks like.

```
.text, #text, p{  
    color:#A7F7E3  
}
```

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 #A7F7E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7F7E3
}
```

## Border

The CSS property to change the border of an element to Hex A7F7E3 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
#A7F7E3 }
```

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

```
.border{ border-color:#A7F7E3 }
```

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

Here you see how a box with a 4 pixel #A7F7E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7F7E3; -webkit-box-shadow:4px 4px  
4px 4px #A7F7E3; box-shadow:4px 4px 4px  
4px #A7F7E3 }
```

# Background

The CSS property to change the background color of an element to Hex A7F7E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7F7E3 }
```

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

```
.background{ background-color:#A7F7E3 }
```

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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