

# Converting Colors

Hex(A7E5F3)

Have a look what the booklet for  
Hex(A7E5F3) contains.

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# **Color**

**Hex(A7E5F3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A7E5F3
RGB	167, 229, 243
RGB Percent	65%, 90%, 95%
CMY	0.3451, 0.1020, 0.0471
CMYK	0.31, 0.06, 0.00, 0.05
HSL	191°, 76%, 80%
HSV	191°, 31%, 95%
XYZ	60.1333, 70.7252, 95.2760
YIQ	212.0580, -41.4460, -8.7900

# Conversions

## Conversions Part 2

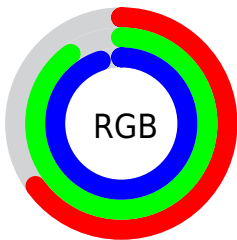
Format	Color
R <sub>YB</sub>	167, 201, 243
Decimal	11003379
CIE Lab	87.35, -16.24, -13.10
CIE LCh	87, 20.871, 218.891
Yxy	70.7252, 0.2659, 0.3128
Android (android.graphics.Color)	4289193459 (0xFFA7E5F3)
YUV	212.0580, 15.2544, -39.5159
Hunter-Lab	84.0983, -19.5380, -8.3016

# Details

The Hex color **A7E5F3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **F3B5A7**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **E0FFFF**, and **70ADBB** is the 20% darker color. If you saturate the color by 10%, you get **8FE1F3**, and if you desaturate by 10%, it is **BFE9F3**.

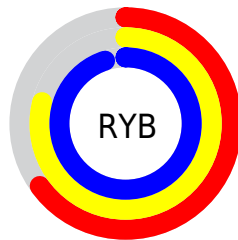
# Distribution



Red (65%)

Green (90%)

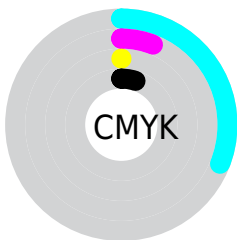
Blue (95%)



Red (65%)

Yellow (79%)

Blue (95%)

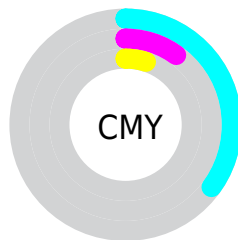


Cyan (31%)

Magenta (6%)

Yellow (0%)

Black (5%)



Cyan (35%)

Magenta (10%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7E5F3 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 A7E5F3 by changing the saturation by 10% instead.



 A7E5F3

 A7E5F3

FFFFFF

 8BC9D7

 E0FFFF

 70ADBB

FDFDFD

 5593A0

 3A7986

 1D606C

 004854

 00313D

 001D27

 000113

 A7E5F3

 A7E5F3

 8FE1F3

 BFE9F3

 76DCF3

 D8EEF3

 5ED8F3

 F0F2F3

 46D3F3

 FFF7F3

 2DCFF3

 FFFBF3

 15CAF3

 FFFFF3

 00C6F3

# Harmonies

## Analogous

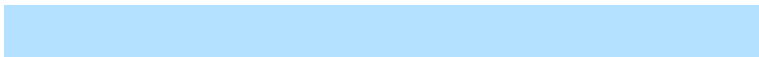
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A9E7E0



A7E5F3



B4E1FF

# Triad

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



A7E5F3



FACFEA



E4DBB4

# Complementary

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



A7E5F3



F3B5A7

# 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.



F7D5B6



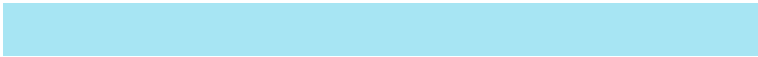
A7E5F3



FFCDD6

# Square

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



A7E5F3



E6D4FA



FFCFC3



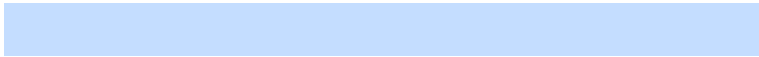
CEE1BC

# Rectangle

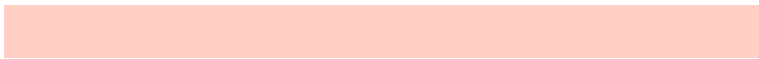
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



A7E5F3



C4DDFF



FFCFC3



EBD9B3

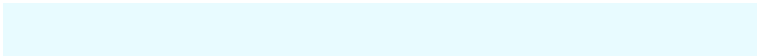


# Sweetspot

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



A7E5F3



E8FBFF



A7F3B5



717D80



000000



808080

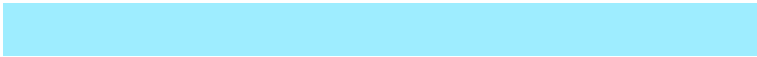


# Same Dimension

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



A7E5F3



9EEDFF



A7BFF3



6E787A



0098BA



00303B



# Inverse Universe

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



F3A7E5



FF9EED



F3DBA7



7A6E78



BA0098

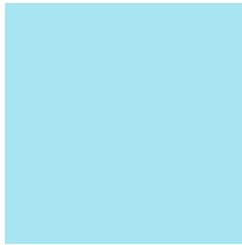


3B0030



# Previews

## White Background



This preview shows how the Hex color A7E5F3 looks on a white background.

## Color Contrast Check

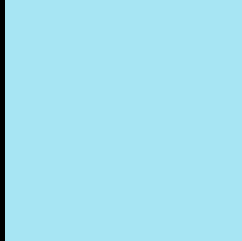
Large Text (above 18pt) WCAG AA × Fail

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 A7E5F3 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 A7E5F3 Background



This preview shows how black text looks on a background with the Hex color A7E5F3.

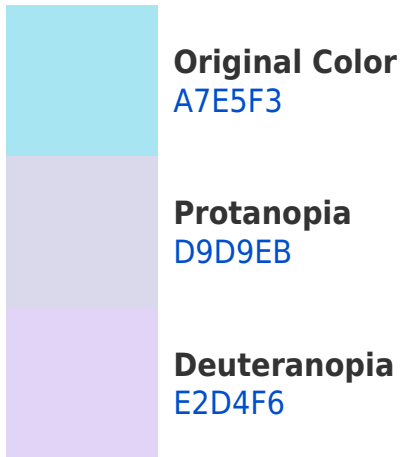


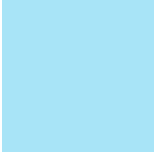
This preview shows how white text looks on a background with the Hex color A7E5F3.

# 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](#).

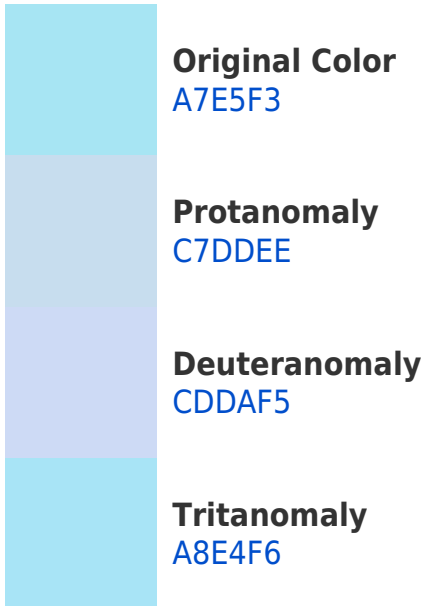
## Dichromacy



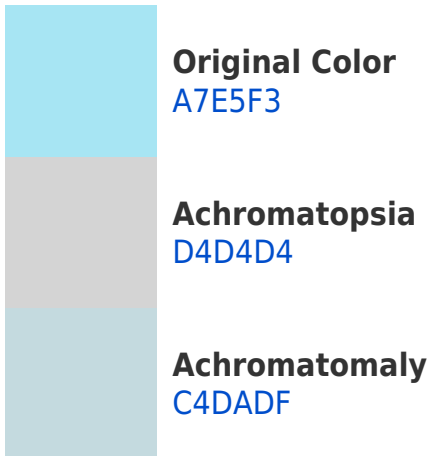


**Tritanopia**  
A8E4F7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7E5F3 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 #A7E5F3 looks like.

```
.text, #text, p{  
    color:#A7E5F3  
}
```

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 #A7E5F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7E5F3
}
```

## Border

The CSS property to change the border of an element to Hex A7E5F3 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
#A7E5F3 }
```

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

```
.border{ border-color:#A7E5F3 }
```

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

Here you see how a box with a 4 pixel #A7E5F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7E5F3; -webkit-box-shadow:4px 4px  
4px 4px #A7E5F3; box-shadow:4px 4px 4px  
4px #A7E5F3 }
```

# Background

The CSS property to change the background color of an element to Hex A7E5F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7E5F3 }
```

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

```
.background{ background-color:#A7E5F3 }
```

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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