

Converting Colors

Hex(9AE3FD)

Have a look what the booklet for
Hex(9AE3FD) contains.

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Color

Hex(9AE3FD)

Conversions

Conversions Part 1

Format	Color
Hex	9AE3FD
RGB	154, 227, 253
RGB Percent	60%, 89%, 99%
CMY	0.3961, 0.1098, 0.0078
CMYK	0.39, 0.10, 0.00, 0.01
HSL	196°, 96%, 80%
HSV	196°, 39%, 99%
XYZ	58.5251, 68.9000, 103.1429
YIQ	208.1370, -51.8540, -7.3900

Conversions

Conversions Part 2

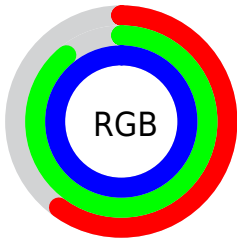
Format	Color
RYB	154, 196, 253
Decimal	10150909
CIELab	86.45, -16.24, -19.78
CIElCh	86, 25.590, 230.607
Yxy	68.9000, 0.2538, 0.2988
Android (android.graphics.Color)	4288340989 (0xFF9AE3FD)
YUV	208.1370, 22.1175, -47.4781
Hunter-Lab	83.0061, -19.4055, -15.5693

Details

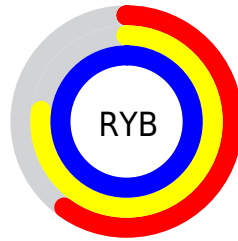
The Hex color **9AE3FD** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **FDB49A**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **D4FFFF**, and **62ACC4** is the 20% darker color. If you saturate the color by 10%, you get **81DCFD**, and if you desaturate by 10%, it is **B3EAFD**.

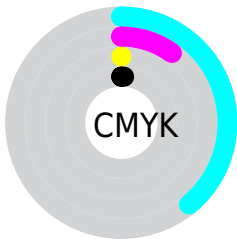
Distribution



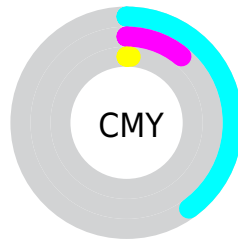
- Red (60%)
- Green (89%)
- Blue (99%)



- Red (60%)
- Yellow (77%)
- Blue (99%)



- Cyan (39%)
- Magenta (10%)
- Yellow (0%)
- Black (1%)



- Cyan (40%)
- Magenta (11%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AE3FD 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 9AE3FD by changing the saturation by 10% instead.

 9AE3FD

 9AE3FD

FFFFFF

 7EC7E0

 D4FFFF

 62ACC4

 F1FFFF

 4591A9

 25778F

 005E75

 00475C

 003045

 001C2E

 00011A

 9AE3FD

 9AE3FD

 81DCFD

 B3EAFD

 67D6FD

 CDF0FD

 4ECFFD

 E6F7FD

 35C8FD

 FFFEFD

 1BC2FD

 FFFFFD

 02BBFD

 00BBFD

Harmonies

Analogous

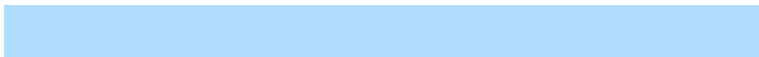
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95E6E8



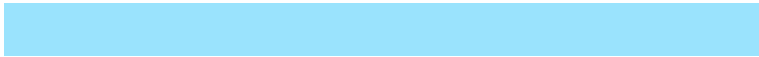
9AE3FD



B2DDFF

Triad

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



9AE3FD



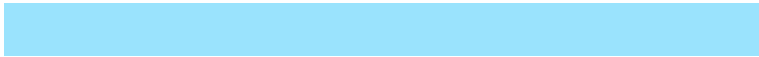
FFC8E1



D9DCAB

Complementary

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



9AE3FD



FDB49A

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.



F2D4A9



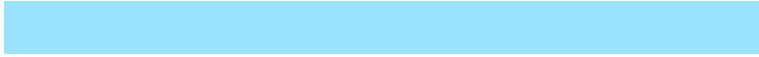
9AE3FD



FFC8C8

Square

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



9AE3FD



F0CDF7



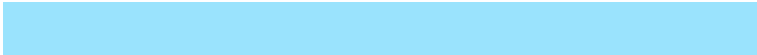
FFCCB4



BDE2B9

Rectangle

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



9AE3FD



C7D8FF



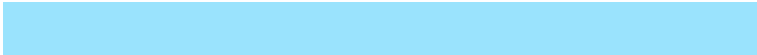
FFCCB4



E2DAA9

Sweetspot

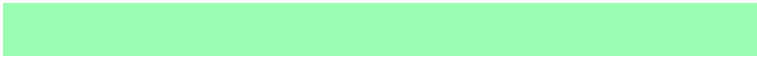
The Sweet Spot groups the original color and five complimentary colors.



9AE3FD



E0F7FF



9AFDB3



6E7B80



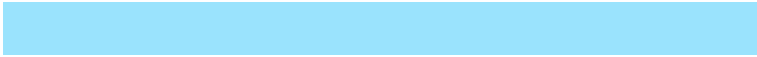
000000



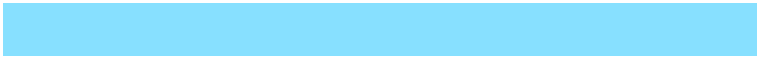
808080

Same Dimension

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



9AE3FD



87E0FF



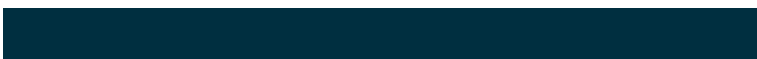
9AB3FD



737C80



008DBF



002F40

Inverse Universe

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



FD9AE3



FF87E0



FDE49A



80737C



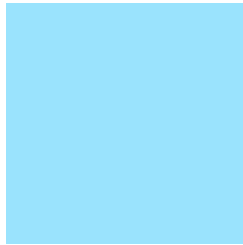
BF008D



40002F

Previews

White Background



This preview shows how the Hex color 9AE3FD looks on a white background.

Color Contrast Check

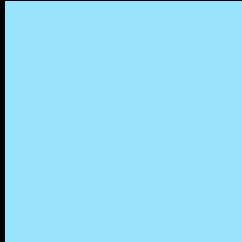
Large Text (above 18pt) WCAG AA × Fail

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 9AE3FD 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 9AE3FD Background



This preview shows how black text looks on a background with the Hex color 9AE3FD.

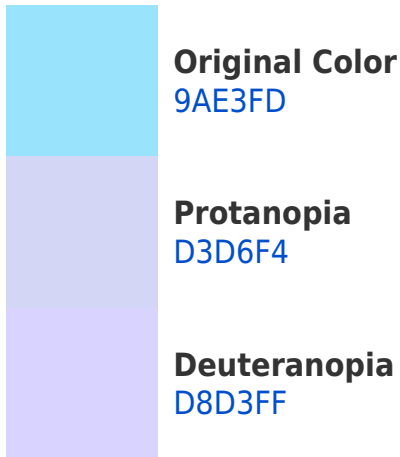


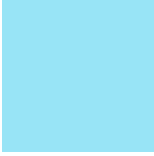
This preview shows how white text looks on a background with the Hex color 9AE3FD.

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](#).

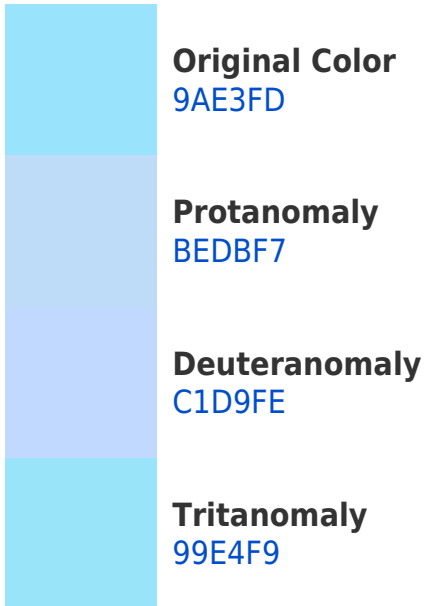
Dichromacy



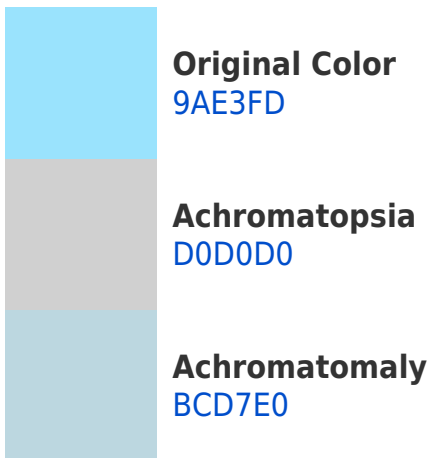


Tritanopia
98E4F6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9AE3FD 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 #9AE3FD looks like.

```
.text, #text, p{  
    color:#9AE3FD  
}
```

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 #9AE3FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AE3FD
}
```

Border

The CSS property to change the border of an element to Hex 9AE3FD 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
#9AE3FD }
```

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

```
.border{ border-color:#9AE3FD }
```

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

Here you see how a box with a 4 pixel #9AE3FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AE3FD; -webkit-box-shadow:4px 4px  
4px 4px #9AE3FD; box-shadow:4px 4px 4px  
4px #9AE3FD }
```

Background

The CSS property to change the background color of an element to Hex 9AE3FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AE3FD }
```

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

```
.background{ background-color:#9AE3FD }
```

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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