

Converting Colors

Hex(98AEFF)

Have a look what the booklet for
Hex(98AEFF) contains.

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Color

Hex(98AEFF)

Conversions

Conversions Part 1

Format	Color
Hex	98AEFF
RGB	152, 174, 255
RGB Percent	60%, 68%, 100%
CMY	0.4039, 0.3176, 0.0000
CMYK	0.40, 0.32, 0.00, 0.00
HSL	227°, 100%, 80%
HSV	227°, 40%, 100%
XYZ	46.1349, 44.1675, 100.7013
YIQ	176.6560, -39.1130, 20.5270

Conversions

Conversions Part 2

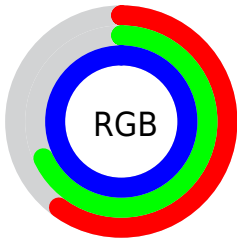
Format	Color
RYB	152, 170, 255
Decimal	10006271
CIELab	72.34, 12.17, -42.55
CIELCh	72, 44.255, 285.961
Yxy	44.1675, 0.2415, 0.2312
Android (android.graphics.Color)	4288196351 (0xFF98AEFF)
YUV	176.6560, 38.6236, -21.6233
Hunter-Lab	66.4586, 7.6104, -43.3180

Details

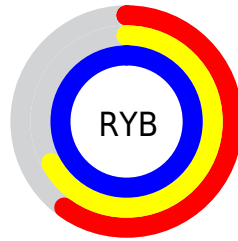
The Hex color **98AEFF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **FFE998**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **D1E5FF**, and **607AC6** is the 20% darker color. If you saturate the color by 10%, you get **7F9AFF**, and if you desaturate by 10%, it is **B2C2FF**.

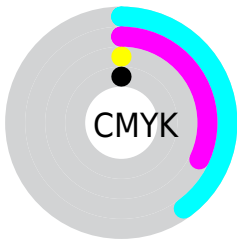
Distribution



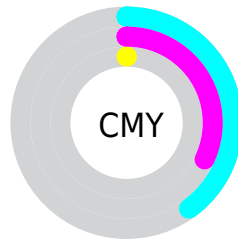
- Red (60%)
- Green (68%)
- Blue (100%)



- Red (60%)
- Yellow (67%)
- Blue (100%)



- Cyan (40%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 98AEFF 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 98AEFF by changing the saturation by 10% instead.

 98AEFF

 98AEFF

FFFFFF

 7C94E2

 D1E5FF

 607AC6

 EFFFFFF

 4361AA

 244A90

 003476

 001F5C

 000644

 00032D

 000118

■ 98AEFF

■ 98AEFF

■ 7F9AFF

■ B2C2FF

■ 6586FF

■ CBD6FF

■ 4C72FF

■ E5EAFF

■ 325EFF

■ FEFEFF

■ 184AFF

■ FFFFFFFF

■ 0036FF

Harmonies

Analogous

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



48BBFF



98AEFF



D19FEA

Triad

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



98AEFF



F69A79



4FC59C

Complementary

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



98AEFF



FFE998

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.



88C078



98AEFF



DBA863

Square

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



98AEFF



FF919D



B6B662



00C7C6

Rectangle

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



98AEFF



EB96D3



B6B662



64C48F

Sweetspot

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



98AEFF



E0E7FF



98FFE9



6E7180



000000



808080

Same Dimension

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



98AEFF



859FFF



B598FF



737580



0029BF



000E40

Inverse Universe

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



FF98AE



FF859F



E2FF98



807375



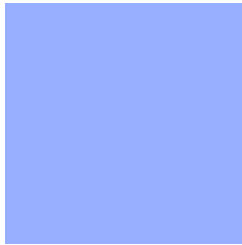
BF0029



40000E

Previews

White Background



This preview shows how the Hex color 98AEFF looks on a white background.

Color Contrast Check

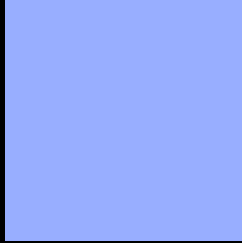
Large Text (above 18pt) WCAG AA × Fail

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 98AEFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

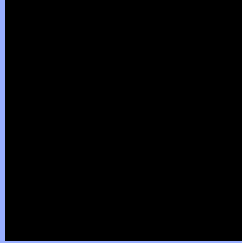
Any Text WCAG AA ✓ Pass

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 98AEFF Background



This preview shows how black text looks on a background with the Hex color 98AEFF.



This preview shows how white text looks on a background with the Hex color 98AEFF.

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



Original Color
98AEFF

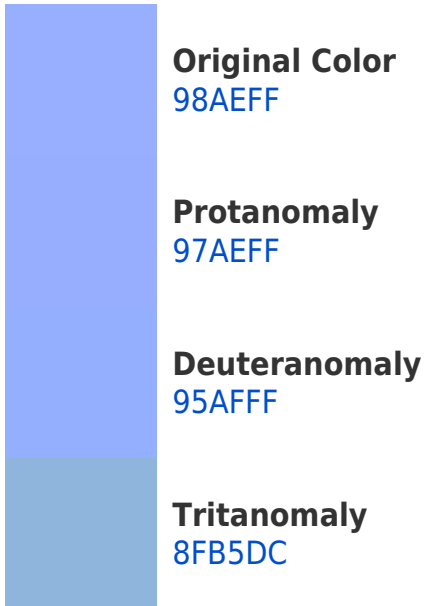
Protanopia
97AEFF

Deuteranopia
93AFFF

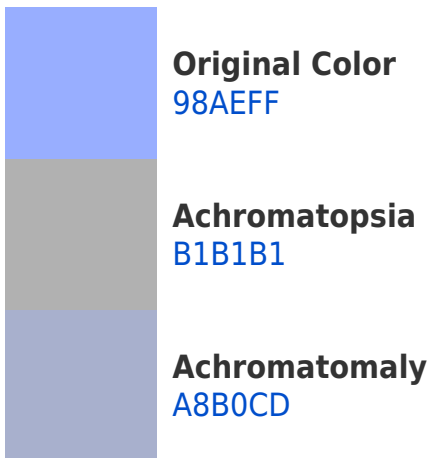


Tritanopia
8AB9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 98AEFF 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 #98AEFF looks like.

```
.text, #text, p{  
    color:#98AEFF  
}
```

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 #98AEFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98AEFF
}
```

Border

The CSS property to change the border of an element to Hex 98AEFF 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
#98AEFF }
```

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

```
.border{ border-color:#98AEFF }
```

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

Here you see how a box with a 4 pixel #98AEFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98AEFF; -webkit-box-shadow:4px 4px  
4px 4px #98AEFF; box-shadow:4px 4px 4px  
4px #98AEFF }
```

Background

The CSS property to change the background color of an element to Hex 98AEFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98AEFF }
```

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

```
.background{ background-color:#98AEFF }
```

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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