

Converting Colors

Hex(94B9FF)

Have a look what the booklet for
Hex(94B9FF) contains.

Hex(94B9FF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(94B9FF)

Conversions

Conversions Part 1

Format	Color
Hex	94B9FF
RGB	148, 185, 255
RGB Percent	58%, 73%, 100%
CMY	0.4196, 0.2745, 0.0000
CMYK	0.42, 0.27, 0.00, 0.00
HSL	219°, 100%, 79%
HSV	219°, 42%, 100%
XYZ	47.6117, 48.2138, 101.4045
YIQ	181.9170, -44.5220, 13.9260

Conversions

Conversions Part 2

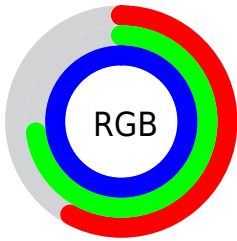
Format	Color
RYB	148, 175, 255
Decimal	9746943
CIELab	74.96, 5.03, -38.49
CIElCh	75, 38.812, 277.444
Yxy	48.2138, 0.2414, 0.2445
Android (android.graphics.Color)	4287937023 (0xFF94B9FF)
YUV	181.9170, 36.0299, -29.7452
Hunter-Lab	69.4362, 0.8824, -37.9817

Details

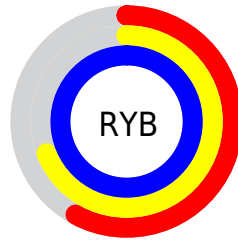
The Hex color **94B9FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFDA94**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **CDF1FF**, and **5C84C6** is the 20% darker color. If you saturate the color by 10%, you get **7BA8FF**, and if you desaturate by 10%, it is **AECAFF**.

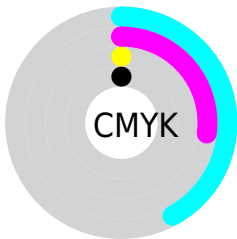
Distribution



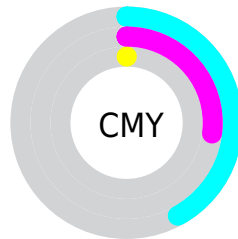
- Red (58%)
- Green (73%)
- Blue (100%)



- Red (58%)
- Yellow (69%)
- Blue (100%)



- Cyan (42%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94B9FF 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 94B9FF by changing the saturation by 10% instead.

 94B9FF

 94B9FF

FFFFFF

 789EE2

 CDF1FF

 5C84C6

 EBFFFF

 3F6BAA

 1D5390

 003C76

 00275D

 001345

 00042E

 000118

 94B9FF

 94B9FF

 7BA8FF

 AECAFF

 6198FF

 C7DAFF

 4887FF

 E1EBFF

 2E76FF

 FAFcff

 1566FF

FFFFFF

 0058FF

Harmonies

Analogous

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



57C4FA



94B9FF



C8ACF1

Triad

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



94B9FF



FBA28F



75CA9C

Complementary

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



94B9FF



FFDA94

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.



A1C37F



94B9FF



E7AD77

Square

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



94B9FF



FE9DB1



C8B971



45CC1

Rectangle

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



94B9FF



E3A4DF



C8B971



84C891

Sweetspot

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



94B9FF



DEE9FF



94FFDA



6B7280



000000



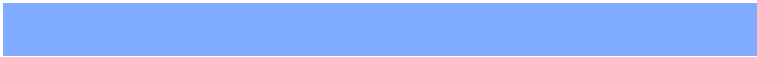
808080

Same Dimension

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



94B9FF



80ACFF



A494FF



737780



0042BF



001640

Inverse Universe

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



FF94B9



FF80AC



FFFF94



807377



BF0042



400016

Previews

White Background



This preview shows how the Hex color 94B9FF looks on a white background.

Color Contrast Check

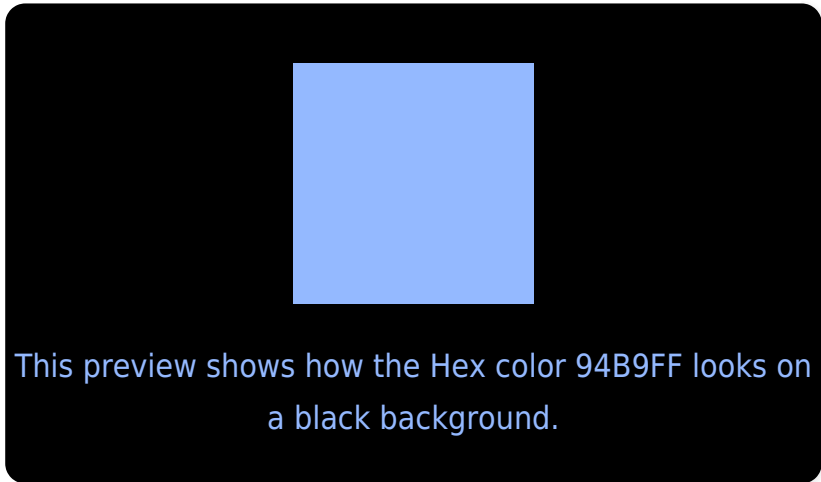
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

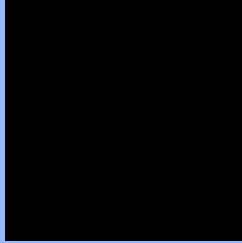
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

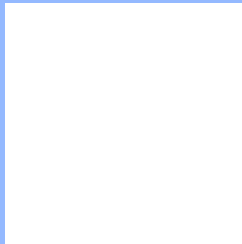
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 94B9FF Background



This preview shows how black text looks on a background with the Hex color 94B9FF.



This preview shows how white text looks on a background with the Hex color 94B9FF.

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](#).

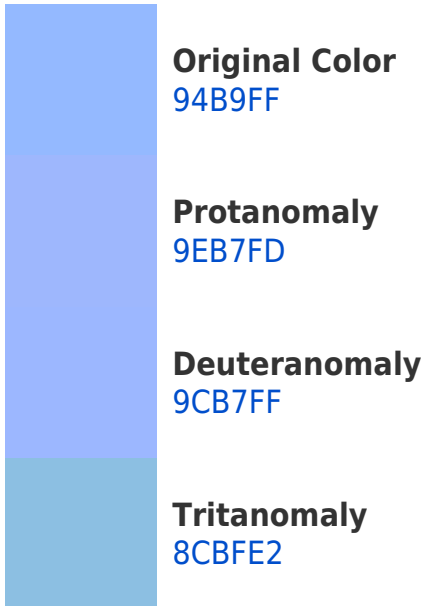
Dichromacy



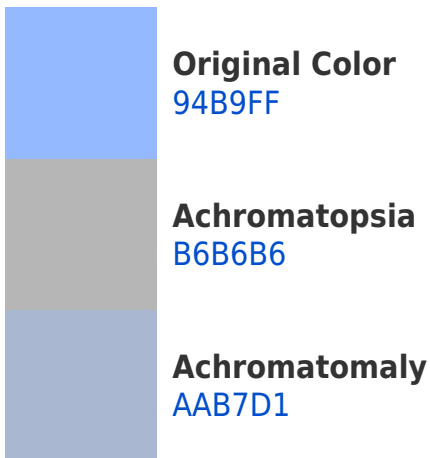


Tritanopia
88C2D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 94B9FF 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 #94B9FF looks like.

```
.text, #text, p{  
    color:#94B9FF  
}
```

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 #94B9FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94B9FF  
}
```

Border

The CSS property to change the border of an element to Hex 94B9FF 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  
#94B9FF }
```

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

```
.border{ border-color:#94B9FF }
```

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

Here you see how a box with a 4 pixel #94B9FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94B9FF; -webkit-box-shadow:4px 4px  
4px 4px #94B9FF; box-shadow:4px 4px 4px  
4px #94B9FF }
```

Background

The CSS property to change the background color of an element to Hex 94B9FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94B9FF }
```

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

```
.background{ background-color:#94B9FF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor