

# Converting Colors

Hex(94ADFF)

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

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

# **Color**

**Hex(94ADFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94ADFF
RGB	148, 173, 255
RGB Percent	58%, 68%, 100%
CMY	0.4196, 0.3216, 0.0000
CMYK	0.42, 0.32, 0.00, 0.00
HSL	226°, 100%, 79%
HSV	226°, 42%, 100%
XYZ	45.2063, 43.4030, 100.6027
YIQ	174.8730, -41.2220, 20.2020

# Conversions

## Conversions Part 2

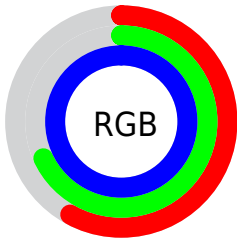
Format	Color
<a href="#">RYB</a>	148, 168, 255
Decimal	9743871
CIELab	71.83, 11.72, -43.37
CIELCh	72, 44.926, 285.128
Yxy	43.4030, 0.2389, 0.2294
Android (android.graphics.Color)	4287933951 (0xFF94ADFF)
YUV	174.8730, 39.5026, -23.5676
Hunter-Lab	65.8810, 7.1917, -44.4214

# Details

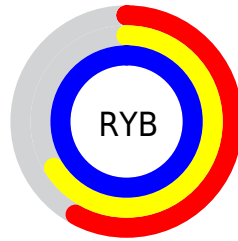
The Hex color **94ADFF** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FFE694**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **CDE4FF**, and **5C79C6** is the 20% darker color. If you saturate the color by 10%, you get **7B99FF**, and if you desaturate by 10%, it is **AEC1FF**.

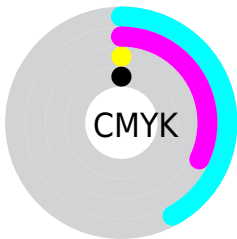
# Distribution



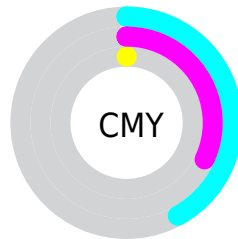
- Red (58%)
- Green (68%)
- Blue (100%)



- Red (58%)
- Yellow (66%)
- Blue (100%)



- Cyan (42%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (32%)
- Yellow (0%)

# Brightness & Saturation Gradients

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



 94ADFF

 94ADFF

FFFFFF

 7893E2

 CDE4FF

 5C79C6

 EBFFFF

 3E60AA

 1C498F

 003375

 001F5C

 000544

 00032D

 000118

 94ADFF

 94ADFF

 7B99FF

 AEC1FF

 6186FF

 C7D4FF

 4872FF

 E1E8FF

 2E5FFF

 FAFBFF

 154BFF

FFFFFF

 003CFF

# Harmonies

## Analogous

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



3FB AFF



94ADFF



CE9EEA

# Triad

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



94ADFF



F69878



4DC49A

# Complementary

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



94ADFF



FFE694

# 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.



87BE74



94ADFF



DBA760

# Square

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



94ADFF



FF8F9D



B5B45F



00C5C4

# Rectangle

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



94ADFF



E995D3



B5B45F



63C38C



# Sweetspot

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



94ADFF



DEE6FF



94FFE4



6B7080



000000



808080



# Same Dimension

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



94ADFF



809DFF



AF94FF



737680



002DBF



000F40



# Inverse Universe

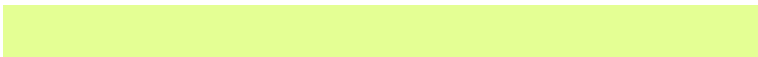
The Inverse Universe completely reimagines the original color for something new.



FF94AD



FF809D



E4FF94



807376



BF002D

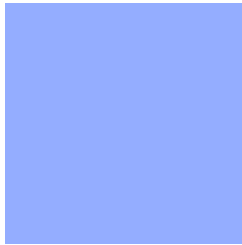


40000F



# Previews

## White Background



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

## Color Contrast Check

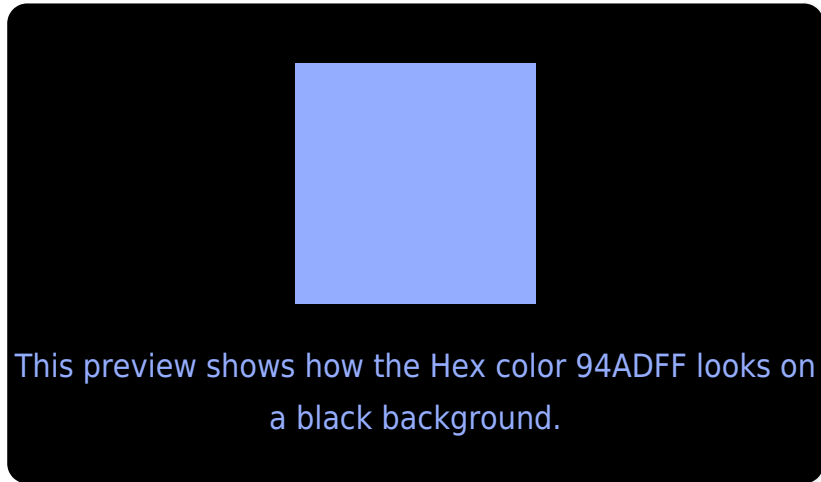
Large Text (above 18pt) WCAG AA × Fail

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 94ADFF Background



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



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

# 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](#).

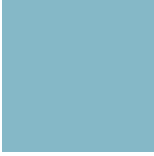
## Dichromacy



**Original Color**  
94ADFF

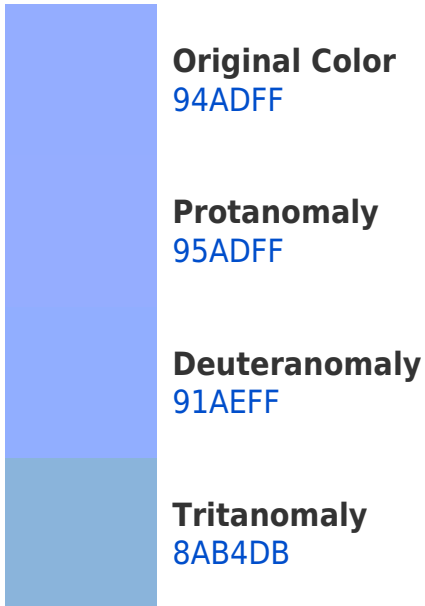
**Protanopia**  
95ADFF

**Deuteranopia**  
90AEFF

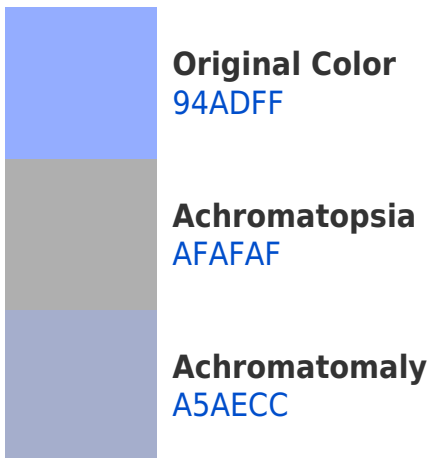


**Tritanopia**  
85B8C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #94ADFF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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