

# Converting Colors

Hex(94ACFB)

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

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**Color**

**Hex(94ACFB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94ACFB
RGB	148, 172, 251
RGB Percent	58%, 67%, 98%
CMY	0.4196, 0.3255, 0.0157
CMYK	0.41, 0.31, 0.00, 0.02
HSL	226°, 93%, 78%
HSV	226°, 41%, 98%
XYZ	44.3779, 42.7660, 97.1825
YIQ	173.8300, -39.6630, 19.4810

# Conversions

## Conversions Part 2

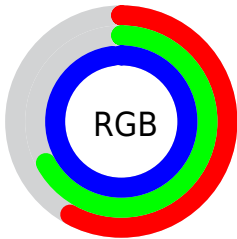
Format	Color
R <sub>Y</sub> B	148, 167, 251
Decimal	9743611
CIE Lab	71.40, 11.19, -41.88
CIE LCh	71, 43.349, 284.956
Yxy	42.7660, 0.2408, 0.2320
Android (android.graphics.Color)	4287933691 (0xFF94ACFB)
YUV	173.8300, 38.0448, -22.6529
Hunter-Lab	65.3957, 6.6885, -42.3320

# Details

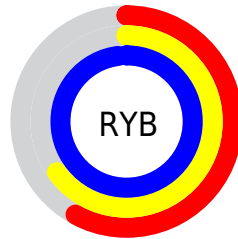
The Hex color **94ACFB** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FBE394**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **CDE3FF**, and **5C78C2** is the 20% darker color. If you saturate the color by 10%, you get **7B99FB**, and if you desaturate by 10%, it is **ADBFFB**.

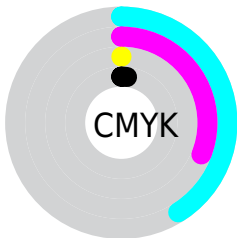
# Distribution



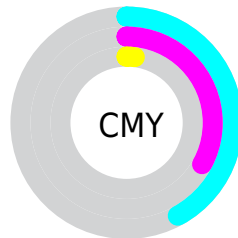
- Red (58%)
- Green (67%)
- Blue (98%)



- Red (58%)
- Yellow (65%)
- Blue (98%)



- Cyan (41%)
- Magenta (31%)
- Yellow (0%)
- Black (2%)



- Cyan (42%)
- Magenta (33%)
- Yellow (2%)

# Brightness & Saturation Gradients

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



 94ACFB

 94ACFB

FFFFFF

 7892DE

 CDE3FF

 5C78C2


 EAFFFF

 3F5FA7

 1F488C

 003272

 001E59

 000341

 00032A

 000115

 94ACFB

 94ACFB

 7B99FB

 ADBFFB

 6285FB

 C6D3FB

 4972FB

 DFE6FB

 305FFB

 F8F9FB

 174CFB

 FFFFFB

 003AFB

# Harmonies

## Analogous

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



46B9FB



94ACFB



CC9DE7

# Triad

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



94ACFB



F29879



52C299

# Complementary

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



94ACFB



FBE394

# 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.



88BD75



94ACFB



D9A662

# Square

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



94ACFB



FB909C



B4B361



00C4C2

# Rectangle

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



94ACFB



E695D1



B4B361



66C18C



# Sweetspot

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



94ACFB



E0E8FF



94FBE3



6E7280



000000



808080



# Same Dimension

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



94ACFB



829FFF



AF94FB



70737D



002CBD



000E3D



# Inverse Universe

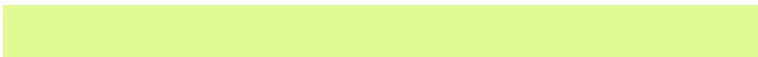
The Inverse Universe completely reimagines the original color for something new.



FB94AC



FF829F



E0FB94



7D7073



BD002C

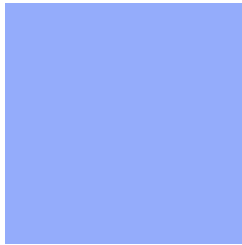


3D000E



# Previews

## White Background



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

## Color Contrast Check

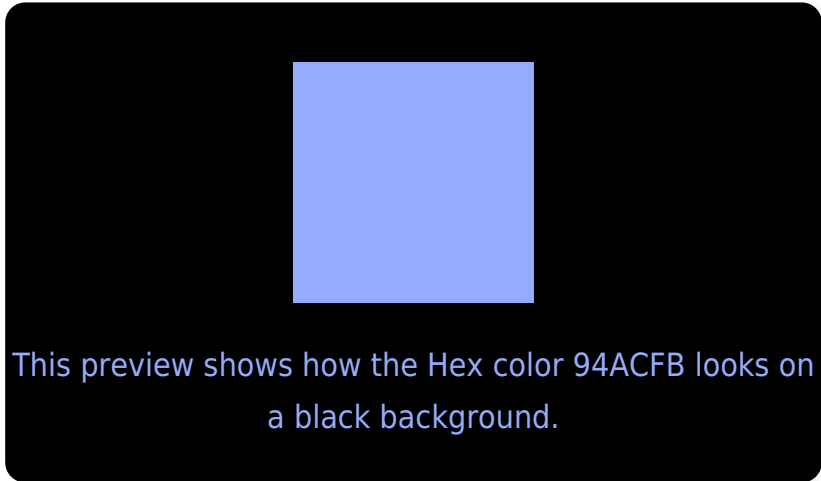
Large Text (above 18pt) WCAG AA × Fail

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

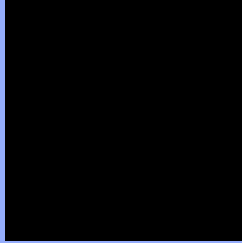
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 94ACFB Background



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



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

# 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](#).

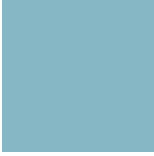
## Dichromacy



**Original Color**  
94ACFB

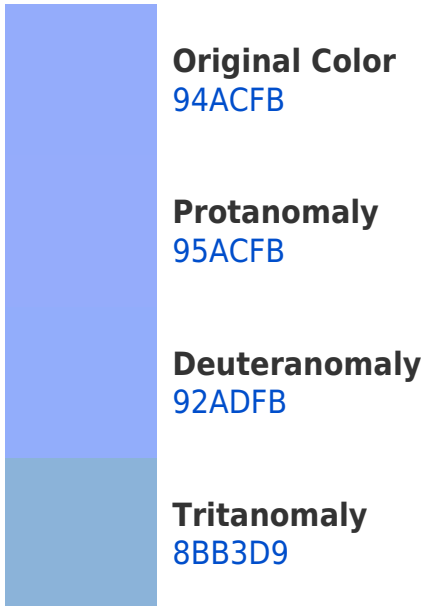
**Protanopia**  
95ACFB

**Deuteranopia**  
91ADFB

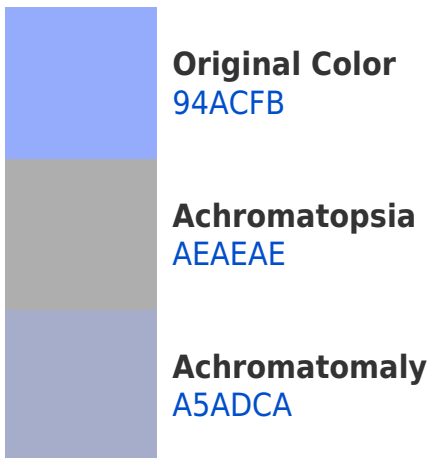


**Tritanopia**  
86B7C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #94ACFB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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