

# Converting Colors

Hex(94B7F7)

Have a look what the booklet for  
Hex(94B7F7) contains.

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# **Color**

**Hex(94B7F7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94B7F7
RGB	148, 183, 247
RGB Percent	58%, 72%, 97%
CMY	0.4196, 0.2824, 0.0314
CMYK	0.40, 0.26, 0.00, 0.03
HSL	219°, 86%, 77%
HSV	219°, 40%, 97%
XYZ	45.9347, 46.8783, 94.6231
YIQ	179.8310, -41.4040, 12.4840

# Conversions

## Conversions Part 2

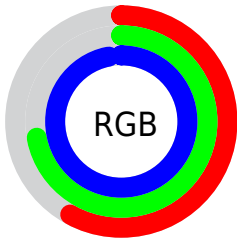
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	148, 174, 247
Decimal	9746423
CIE Lab	74.11, 3.96, -35.49
CIE LCh	74, 35.713, 276.374
Yxy	46.8783, 0.2451, 0.2501
Android (android.graphics.Color)	4287936503 (0xFF94B7F7)
YUV	179.8310, 33.1143, -27.9158
Hunter-Lab	68.4677, -0.0635, -34.0120

# Details

The Hex color **94B7F7** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F7D494**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **CDEFFF**, and **5D82BE** is the 20% darker color. If you saturate the color by 10%, you get **7BA7F7**, and if you desaturate by 10%, it is **ADC7F7**.

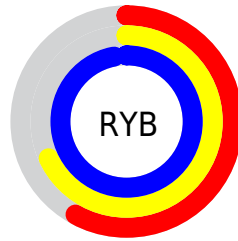
# Distribution



Red (58%)

Green (72%)

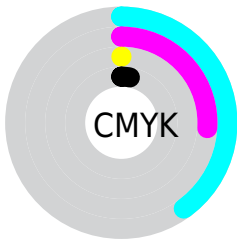
Blue (97%)



Red (58%)

Yellow (68%)

Blue (97%)

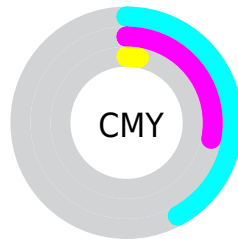


Cyan (40%)

Magenta (26%)

Yellow (0%)

Black (3%)



Cyan (42%)

Magenta (28%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94B7F7 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 94B7F7 by changing the saturation by 10% instead.



■ 94B7F7

FFFFFF

■ CDEFFF

■ EAFFFF

■ 94B7F7

■ 789CDA

■ 5D82BE

■ 4069A3

■ 215189

■ 003B6F

■ 002656

■ 00103F

■ 000328

■ 000112

■ 94B7F7

■ 94B7F7

■ 7BA7F7

■ ADC7F7

■ 6397F7

■ C5D7F7

■ 4A87F7

■ DEE7F7

■ 3177F7

■ F7F7F7

■ 1967F7

■ FFFFF7

■ 0057F7

# Harmonies

## Analogous

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



60C1F1



94B7F7



C4ABEB

# Triad

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



94B7F7



F4A191



7BC69B

# Complementary

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



94B7F7



F7D494

# 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.



A2C080



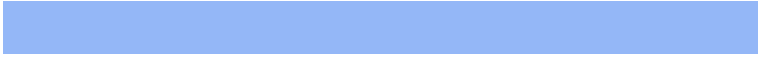
94B7F7



E2AB7B

# Square

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



94B7F7



F69DB0



C6B674



54C8BC

# Rectangle

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



94B7F7



DCA4DB



C6B674



88C491



# Sweetspot

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



94B7F7



E0EBFF



94F7D3



6E7480



000000



808080



# Same Dimension

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



94B7F7



85B0FF



A194F7



6E727A



0042BA



00153B



# Inverse Universe

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



F794B7



FF85B0



EAF794



7A6E72



BA0042



3B0015



# Previews

## White Background



This preview shows how the Hex color 94B7F7 looks on a white background.

## Color Contrast Check

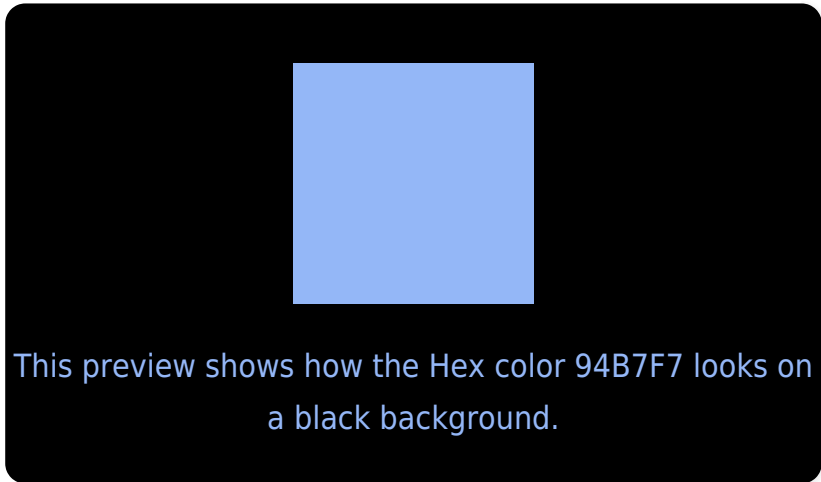
Large Text (above 18pt) WCAG AA × Fail

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

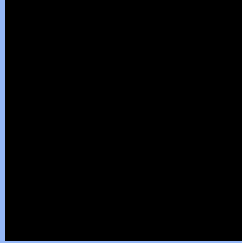
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

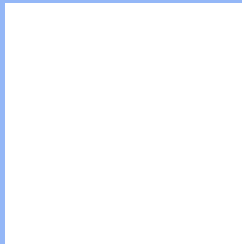
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 94B7F7 Background



This preview shows how black text looks on a background with the Hex color 94B7F7.

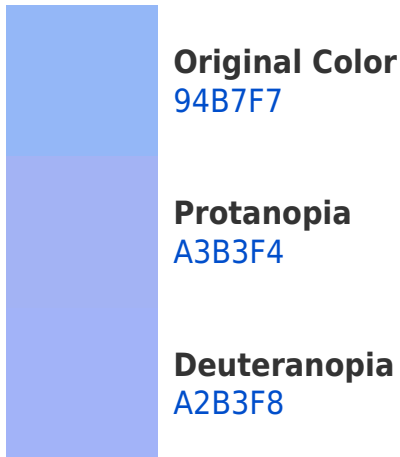


This preview shows how white text looks on a background with the Hex color 94B7F7.

# 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](#).

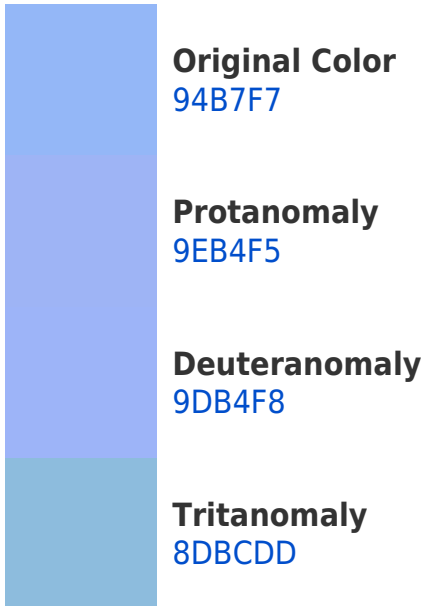
## Dichromacy



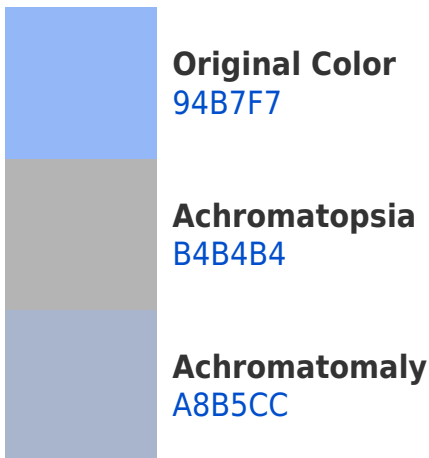


**Tritanopia**  
89BFCE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94B7F7 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 #94B7F7 looks like.

```
.text, #text, p{  
    color:#94B7F7  
}
```

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 #94B7F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94B7F7
}
```

## Border

The CSS property to change the border of an element to Hex 94B7F7 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
#94B7F7 }
```

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

```
.border{ border-color:#94B7F7 }
```

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

Here you see how a box with a 4 pixel #94B7F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94B7F7; -webkit-box-shadow:4px 4px  
4px 4px #94B7F7; box-shadow:4px 4px 4px  
4px #94B7F7 }
```

# Background

The CSS property to change the background color of an element to Hex 94B7F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94B7F7 }
```

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

```
.background{ background-color:#94B7F7 }
```

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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