

# Converting Colors

Hex(9BBDF9)

Have a look what the booklet for  
Hex(9BBDF9) contains.

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# **Color**

**Hex(9BBDF9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BBDF9
RGB	155, 189, 249
RGB Percent	61%, 74%, 98%
CMY	0.3922, 0.2588, 0.0235
CMYK	0.38, 0.24, 0.00, 0.02
HSL	218°, 89%, 79%
HSV	218°, 38%, 98%
XYZ	48.8140, 50.2033, 96.7400
YIQ	185.6740, -39.5240, 11.4520

# Conversions

## Conversions Part 2

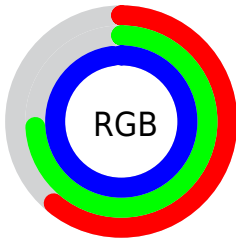
Format	Color
<a href="#">RYB</a>	<a href="#">155, 180, 249</a>
Decimal	<a href="#">10206713</a>
CIELab	<a href="#">76.19, 3.02, -33.32</a>
CIElCh	<a href="#">76, 33.452, 275.185</a>
Yxy	<a href="#">50.2033, 0.2494, 0.2565</a>
Android (android.graphics.Color)	<a href="#">4288396793 (0xFF9BBDf9)</a>
YUV	<a href="#">185.6740, 31.2197, -26.9011</a>
Hunter-Lab	<a href="#">70.8543, -1.0200, -31.3528</a>

# Details

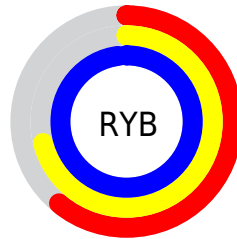
The Hex color **9BBDF9** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F9D79B**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **D4F5FF**, and **6488C0** is the 20% darker color. If you saturate the color by 10%, you get **82ADF9**, and if you desaturate by 10%, it is **B4CDF9**.

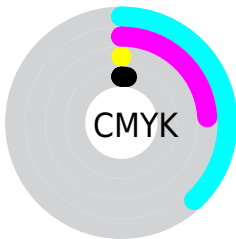
# Distribution



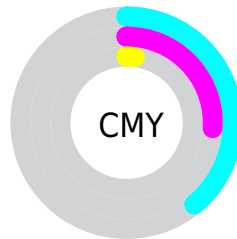
- Red (61%)
- Green (74%)
- Blue (98%)



- Red (61%)
- Yellow (71%)
- Blue (98%)



- Cyan (38%)
- Magenta (24%)
- Yellow (0%)
- Black (2%)



- Cyan (39%)
- Magenta (26%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BBDF9 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 9BBDF9 by changing the saturation by 10% instead.



 9BBDF9

 9BBDF9

FFFFFF

 7FA2DC

 D4F5FF

 6488C0

 F1FFFF

 486FA5

 2C568A

 033F71

 002A58

 001640

 00032A

 000114

■ 9BBDF9

■ 9BBDF9

■ 82ADF9

■ B4CDF9

■ 699DF9

■ CDDDF9

■ 508DF9

■ E6EDF9

■ 377DF9

■ FFFDF9

■ 1E6EF9

■ FFFFF9

■ 065EF9

■ 005AF9

# Harmonies

## Analogous

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



6EC6F3



9BBDF9



C7B2EE

# Triad

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



9BBDF9



F7A89A



86CBA1

# Complementary

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



9BBDF9



F9D79B

# 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.



ABC589



9BBDF9



E7B185

# Square

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



9BBDF9



F8A5B8



CCBC7E



65CDC0

# Rectangle

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



9BBDF9



DFABE0



CCBC7E



93C998

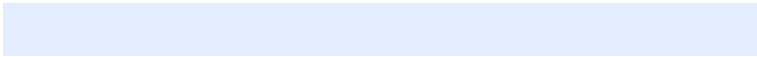


# Sweetspot

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



9BBDF9



E3EDFF



9BF9D7



6F7580



000000



808080



# Same Dimension

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



9BBD9



8CB6FF



A89BF9



70757D



0044BD



00163D



# Inverse Universe

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



F99BBD



FF8CB6



ECF99B



7D7075



BD0044



3D0016



# Previews

## White Background



This preview shows how the Hex color 9BBDF9 looks on a white background.

## Color Contrast Check

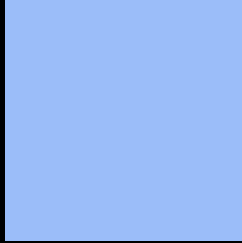
Large Text (above 18pt) WCAG AA × Fail

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 9BBDF9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

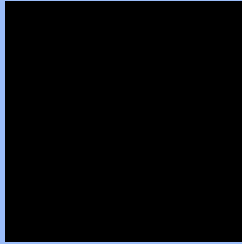
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

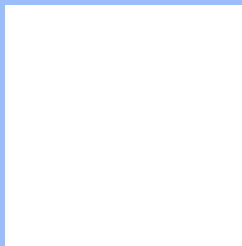
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9BBDF9 Background



This preview shows how black text looks on a background with the Hex color 9BBDF9.



This preview shows how white text looks on a background with the Hex color 9BBDF9.

# 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**  
9BBDF9

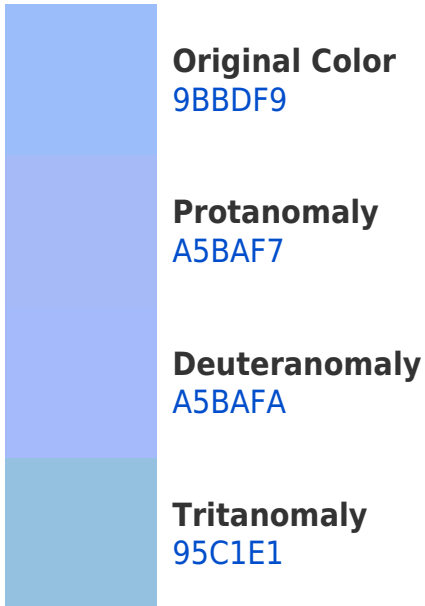
**Protanopia**  
ABB9F6

**Deuteranopia**  
ABB9FA

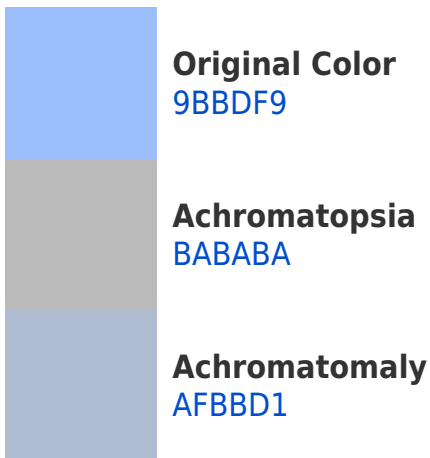


**Tritanopia**  
92C4D4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BBDF9 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 #9BBDF9 looks like.

```
.text, #text, p{  
    color:#9BBDF9  
}
```

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 #9BBDF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BBDF9
}
```

## Border

The CSS property to change the border of an element to Hex 9BBDF9 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
#9BBDF9 }
```

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

```
.border{ border-color:#9BBDF9 }
```

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

Here you see how a box with a 4 pixel #9BBDF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BBDF9; -webkit-box-shadow:4px 4px  
4px 4px #9BBDF9; box-shadow:4px 4px 4px  
4px #9BBDF9 }
```

# Background

The CSS property to change the background color of an element to Hex 9BBDF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BBDF9 }
```

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

```
.background{ background-color:#9BBDF9 }
```

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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