

# Converting Colors

Hex(91C7F9)

Have a look what the booklet for  
Hex(91C7F9) contains.

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# **Color**

**Hex(91C7F9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91C7F9
RGB	145, 199, 249
RGB Percent	57%, 78%, 98%
CMY	0.4314, 0.2196, 0.0235
CMYK	0.42, 0.20, 0.00, 0.02
HSL	209°, 90%, 77%
HSV	209°, 42%, 98%
XYZ	49.1994, 53.7061, 97.3958
YIQ	188.5540, -48.2340, 4.1020

# Conversions

## Conversions Part 2

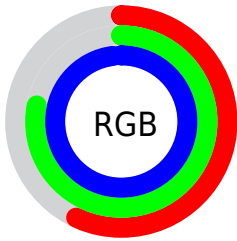
Format	Color
<a href="#">RYB</a>	<a href="#">145, 181, 249</a>
Decimal	<a href="#">9553913</a>
CIELab	<a href="#">78.29, -4.96, -30.13</a>
CIElCh	<a href="#">78, 30.540, 260.651</a>
Yxy	<a href="#">53.7061, 0.2456, 0.2681</a>
Android (android.graphics.Color)	<a href="#">4287743993</a> <a href="#">(0xFF91C7F9)</a>
YUV	<a href="#">188.5540, 29.7999, -38.1969</a>
Hunter-Lab	<a href="#">73.2845, -8.4123, -27.4978</a>

# Details

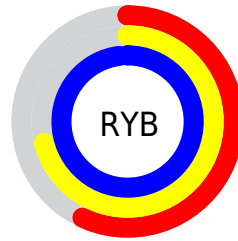
The Hex color **91C7F9** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F9C391**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **CAFFFF**, and **5991C0** is the 20% darker color. If you saturate the color by 10%, you get **78BBF9**, and if you desaturate by 10%, it is **AAD3F9**.

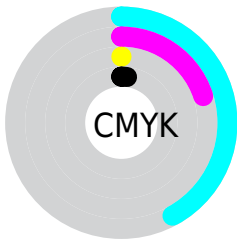
# Distribution



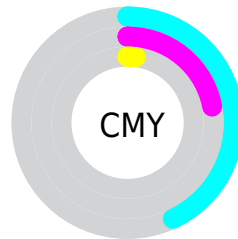
- Red (57%)
- Green (78%)
- Blue (98%)



- Red (57%)
- Yellow (71%)
- Blue (98%)



- Cyan (42%)
- Magenta (20%)
- Yellow (0%)
- Black (2%)



- Cyan (43%)
- Magenta (22%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91C7F9 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 91C7F9 by changing the saturation by 10% instead.



■ 91C7F9

FFFFFF

■ CAFFFF

■ E7FFFF

■ 91C7F9

■ 75ACDC

■ 5991C0

■ 3C78A5

■ 195F8B

■ 004771

■ 003158

■ 001D41

■ 00032A

■ 000115

■ 91C7F9

■ 91C7F9

■ 78BBF9

■ AAD3F9

■ 5FAFF9

■ C3DFF9

■ 46A3F9

■ DCEBF9

■ 2D97F9

■ F5F7F9

■ 148BF9

■ FFFFF9

■ 0081F9

# Harmonies

## Analogous

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



71CEED



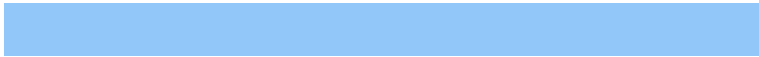
91C7F9



BABEF7

# Triad

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



91C7F9



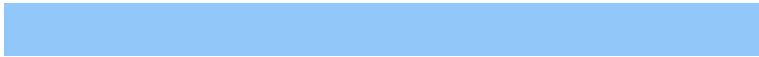
FBAEAF



A1CD9D

# Complementary

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



91C7F9



F9C391

# 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.



C2C68C



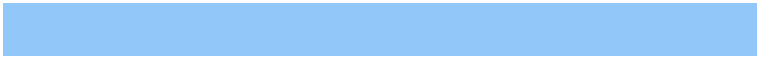
91C7F9



F3B497

# Square

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



91C7F9



F4AECC



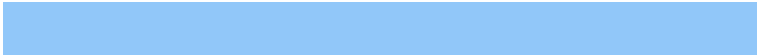
DEBD8A



82D1B7

# Rectangle

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



91C7F9



D3B7ED



DEBD8A

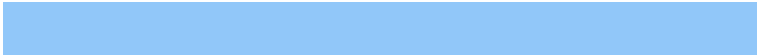


ACCB96

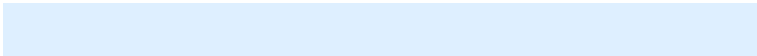


# Sweetspot

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



91C7F9



DEEFFF



91F9C2



6B7680



000000

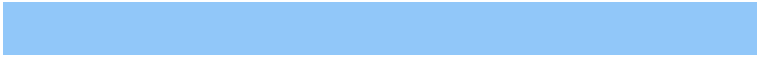


808080

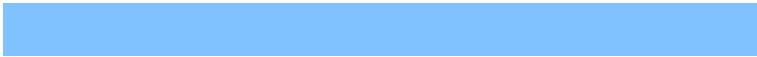


# Same Dimension

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



91C7F9



80C2FF



9194F9



70777D



0062BD



00203D



# Inverse Universe

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



F991C7



FF80C2



F9F691



7D7077



BD0062

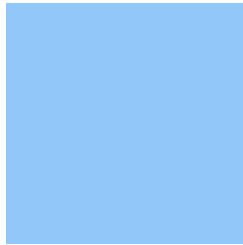


3D0020



# Previews

## White Background



This preview shows how the Hex color 91C7F9 looks on a white background.

## Color Contrast Check

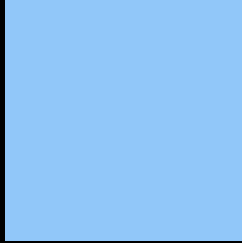
Large Text (above 18pt) WCAG AA × Fail

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 91C7F9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

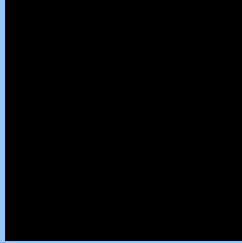
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

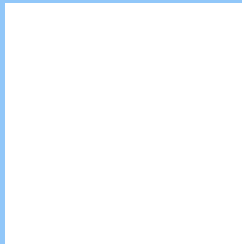
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 91C7F9 Background



This preview shows how black text looks on a background with the Hex color 91C7F9.

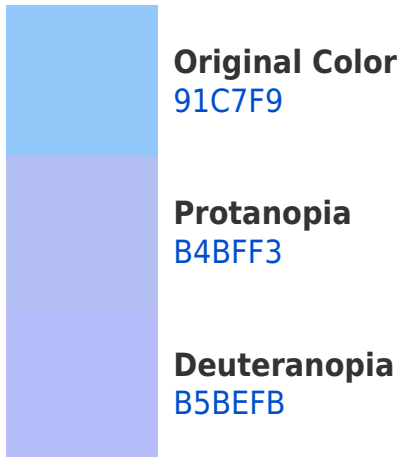


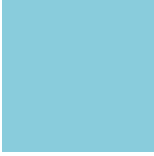
This preview shows how white text looks on a background with the Hex color 91C7F9.

# Color Blindness Simulation

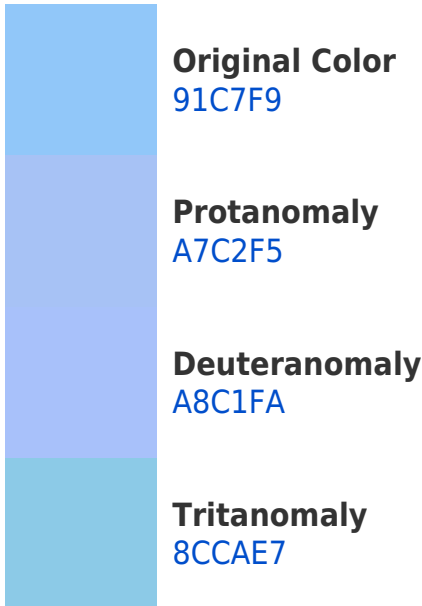
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

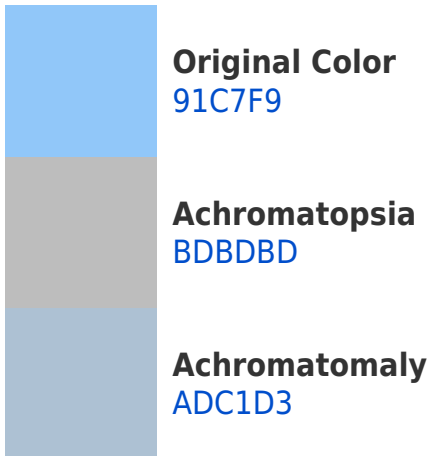




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91C7F9 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 #91C7F9 looks like.

```
.text, #text, p{  
    color:#91C7F9  
}
```

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 #91C7F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91C7F9
}
```

## Border

The CSS property to change the border of an element to Hex 91C7F9 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
#91C7F9 }
```

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

```
.border{ border-color:#91C7F9 }
```

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

Here you see how a box with a 4 pixel #91C7F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91C7F9; -webkit-box-shadow:4px 4px  
4px 4px #91C7F9; box-shadow:4px 4px 4px  
4px #91C7F9 }
```

# Background

The CSS property to change the background color of an element to Hex 91C7F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91C7F9 }
```

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

```
.background{ background-color:#91C7F9 }
```

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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