

Converting Colors

Hex(9CB8F1)

Have a look what the booklet for
Hex(9CB8F1) contains.

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Color

Hex(9CB8F1)

Conversions

Conversions Part 1

Format	Color
Hex	9CB8F1
RGB	156, 184, 241
RGB Percent	61%, 72%, 95%
CMY	0.3882, 0.2784, 0.0549
CMYK	0.35, 0.24, 0.00, 0.05
HSL	220°, 75%, 78%
HSV	220°, 35%, 95%
XYZ	46.7280, 47.6998, 89.9632
YIQ	182.1260, -34.9850, 11.7910

Conversions

Conversions Part 2

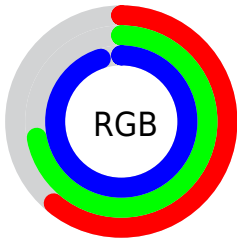
Format	Color
RYB	156, 177, 241
Decimal	10270961
CIELab	74.64, 3.95, -31.40
CIELCh	75, 31.652, 277.177
Yxy	47.6998, 0.2534, 0.2587
Android (android.graphics.Color)	4288461041 (0xFF9CB8F1)
YUV	182.1260, 29.0249, -22.9125
Hunter-Lab	69.0650, -0.0944, -28.8849

Details

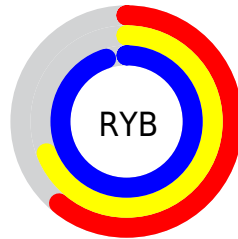
The Hex color **9CB8F1** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F1D59C**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **D4F0FF**, and **6683B9** is the 20% darker color. If you saturate the color by 10%, you get **84A8F1**, and if you desaturate by 10%, it is **B4C8F1**.

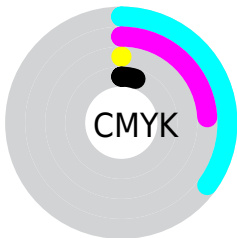
Distribution



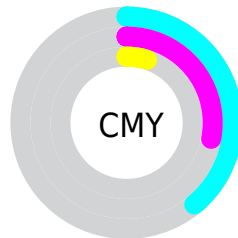
- Red (61%)
- Green (72%)
- Blue (95%)



- Red (61%)
- Yellow (69%)
- Blue (95%)



- Cyan (35%)
- Magenta (24%)
- Yellow (0%)
- Black (5%)



- Cyan (39%)
- Magenta (28%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Hex color 9CB8F1 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 9CB8F1 by changing the saturation by 10% instead.

 9CB8F1

 9CB8F1

FFFFFF

 819DD5

 D4F0FF

 6683B9

 F2FFFF

 4B6A9E

 305283

 0F3B6A

 002651

 00113A

 000224

 00000C

■ 9CB8F1

■ 9CB8F1

■ 84A8F1

■ B4C8F1

■ 6C98F1

■ CCD8F1

■ 5488F1

■ E4E8F1

■ 3C77F1

■ FCF9F1

■ 2467F1

■ FFFFF1

■ 0B57F1

■ 004FF1

Harmonies

Analogous

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



72C1ED



9CB8F1



C5AEE6

Triad

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



9CB8F1



EFA696



83C6A0

Complementary

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



9CB8F1



F1D59C

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.



A5C089



9CB8F1



DFAE83

Square

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



9CB8F1



F1A2B2



C5B87E



65C8BE

Rectangle

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



9CB8F1



DAA7D8



C5B87E



8FC497

Sweetspot

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



9CB8F1



E3ECFF



9CF1D5



6F7480



000000



808080

Same Dimension

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



9CB8F1



94B7FF



AA9CF1



6C7078



003CB8



001238

Inverse Universe

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



F19CB8



FF94B7



E3F19C



786C70



B8003C



380012

Previews

White Background



This preview shows how the Hex color 9CB8F1 looks on a white background.

Color Contrast Check

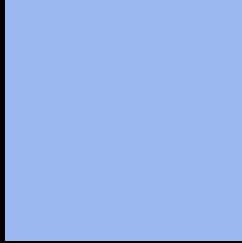
Large Text (above 18pt) WCAG AA × Fail

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 9CB8F1 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

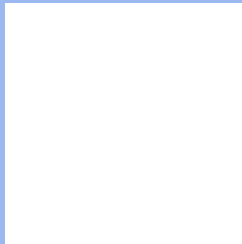
Any Text WCAG AAA ✓ Pass

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

Hex 9CB8F1 Background



This preview shows how black text looks on a background with the Hex color 9CB8F1.

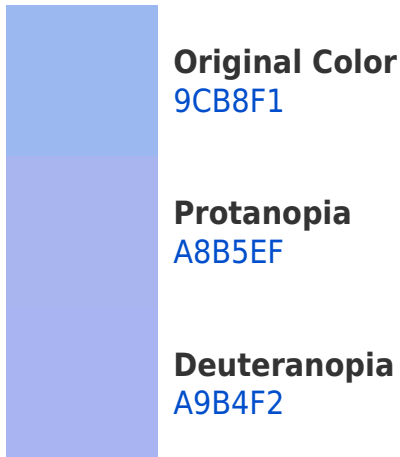


This preview shows how white text looks on a background with the Hex color 9CB8F1.

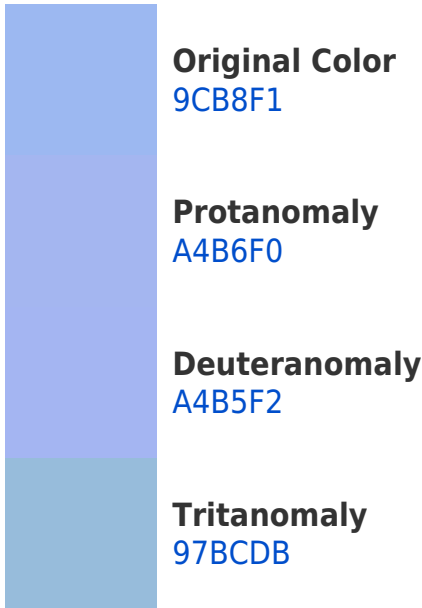
Color Blindness Simulation

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](#).

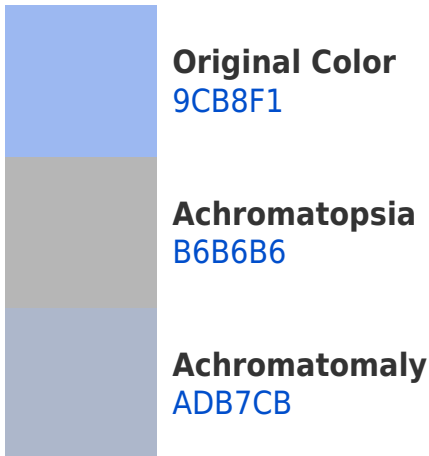
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9CB8F1 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 #9CB8F1 looks like.

```
.text, #text, p{  
    color:#9CB8F1  
}
```

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 #9CB8F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CB8F1
}
```

Border

The CSS property to change the border of an element to Hex 9CB8F1 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
#9CB8F1 }
```

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

```
.border{ border-color:#9CB8F1 }
```

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

Here you see how a box with a 4 pixel #9CB8F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CB8F1; -webkit-box-shadow:4px 4px  
4px 4px #9CB8F1; box-shadow:4px 4px 4px  
4px #9CB8F1 }
```

Background

The CSS property to change the background color of an element to Hex 9CB8F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CB8F1 }
```

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

```
.background{ background-color:#9CB8F1 }
```

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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