

Converting Colors

Hex(9CB0F9)

Have a look what the booklet for
Hex(9CB0F9) contains.

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Color

Hex(9CB0F9)

Conversions

Conversions Part 1

Format	Color
Hex	9CB0F9
RGB	156, 176, 249
RGB Percent	61%, 69%, 98%
CMY	0.3882, 0.3098, 0.0235
CMYK	0.37, 0.29, 0.00, 0.02
HSL	227°, 89%, 79%
HSV	227°, 37%, 98%
XYZ	46.3345, 44.9581, 95.8582
YIQ	178.3420, -35.3530, 18.4630

Conversions

Conversions Part 2

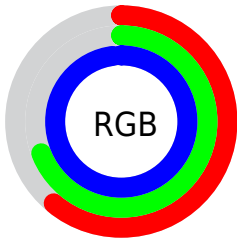
Format	Color
R _Y B	156, 172, 249
Decimal	10268921
CIE _{Lab}	72.86, 10.48, -38.47
CIE _{LCh}	73, 39.871, 285.234
Yxy	44.9581, 0.2476, 0.2402
Android (android.graphics.Color)	4288459001 (0xFF9CB0F9)
YUV	178.3420, 34.8344, -19.5939
Hunter-Lab	67.0508, 6.0109, -37.8275

Details

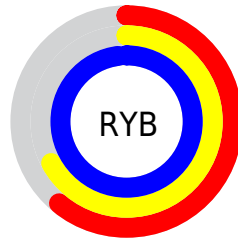
The Hex color **9CB0F9** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **F9E59C**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **D5E7FF**, and **657CC0** is the 20% darker color. If you saturate the color by 10%, you get **839CF9**, and if you desaturate by 10%, it is **B5C4F9**.

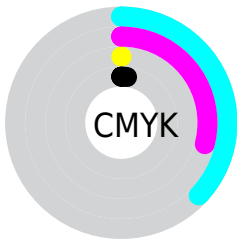
Distribution



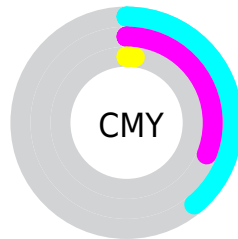
- Red (61%)
- Green (69%)
- Blue (98%)



- Red (61%)
- Yellow (67%)
- Blue (98%)



- Cyan (37%)
- Magenta (29%)
- Yellow (0%)
- Black (2%)



- Cyan (39%)
- Magenta (31%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CB0F9 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 9CB0F9 by changing the saturation by 10% instead.

 9CB0F9

 9CB0F9

FFFFFF

 8095DC

 D5E7FF

 657CC0

 F2FFFF

 4963A5

 2D4B8A

 053570

 002058

 000840

 000329

 000113

■ 9CB0F9

■ 9CB0F9

■ 839CF9

■ B5C4F9

■ 6A89F9

■ CED7F9

■ 5175F9

■ E7EBF9

■ 3862F9

■ FFFEF9

■ 204EF9

■ FFFFF9

■ 073BF9

■ 0036F9

Harmonies

Analogous

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



5CBCF9



9CB0F9



CEA3E6

Triad

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



9CB0F9



F29E81



60C59F

Complementary

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



9CB0F9



F9E59C

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.



8FC07E



9CB0F9



DAAA6C

Square

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



9CB0F9



FA97A1



B8B76B



26C6C5

Rectangle

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



9CB0F9



E69BD2



B8B76B



71C493

Sweetspot

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



9CB0F9



E3E9FF



9CF9E5



6F7280



000000



808080

Same Dimension

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



9CB0F9



8CA5FF



B69CF9



70737D



0029BD



000D3D

Inverse Universe

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



F99CB0



FF8CA5



DFF99C



7D7073



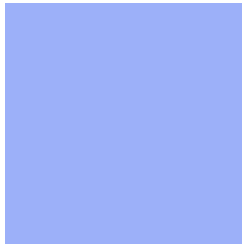
BD0029



3D000D

Previews

White Background



This preview shows how the Hex color 9CB0F9 looks on a white background.

Color Contrast Check

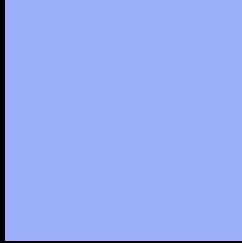
Large Text (above 18pt) WCAG AA × Fail

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 9CB0F9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

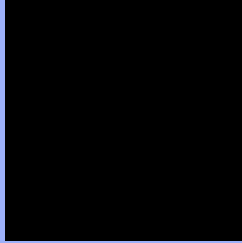
Any Text WCAG AA ✓ Pass

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 9CB0F9 Background



This preview shows how black text looks on a background with the Hex color 9CB0F9.



This preview shows how white text looks on a background with the Hex color 9CB0F9.

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
9CB0F9

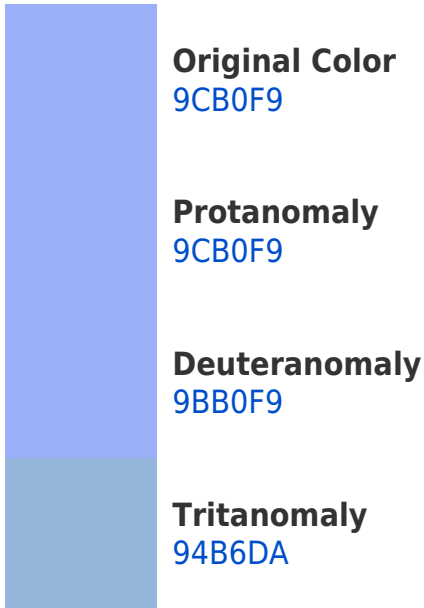
Protanopia
9CB0F9

Deuteranopia
9BB0F9

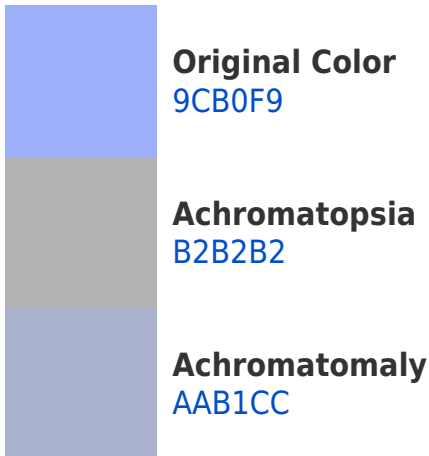


Tritanopia
90B9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9CB0F9 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 #9CB0F9 looks like.

```
.text, #text, p{  
    color:#9CB0F9  
}
```

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 #9CB0F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CB0F9
}
```

Border

The CSS property to change the border of an element to Hex 9CB0F9 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
#9CB0F9 }
```

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

```
.border{ border-color:#9CB0F9 }
```

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

Here you see how a box with a 4 pixel #9CB0F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CB0F9; -webkit-box-shadow:4px 4px  
4px 4px #9CB0F9; box-shadow:4px 4px 4px  
4px #9CB0F9 }
```

Background

The CSS property to change the background color of an element to Hex 9CB0F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CB0F9 }
```

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

```
.background{ background-color:#9CB0F9 }
```

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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