

Converting Colors

Hex(9CBCF0)

Have a look what the booklet for
Hex(9CBCF0) contains.

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Color

Hex(9CBCF0)

Conversions

Conversions Part 1

Format	Color
Hex	9CBCF0
RGB	156, 188, 240
RGB Percent	61%, 74%, 94%
CMY	0.3882, 0.2627, 0.0588
CMYK	0.35, 0.22, 0.00, 0.06
HSL	217°, 74%, 78%
HSV	217°, 35%, 94%
XYZ	47.4217, 49.3256, 89.4595
YIQ	184.3600, -35.7640, 9.3880

Conversions

Conversions Part 2

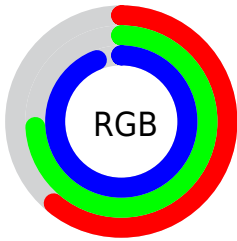
Format	Color
R _Y B	156, 179, 240
Decimal	10271984
CIE Lab	75.65, 1.51, -29.30
CIE LCh	76, 29.336, 272.948
Yxy	49.3256, 0.2547, 0.2649
Android (android.graphics.Color)	4288462064 (0xFF9CBCF0)
YUV	184.3600, 27.4305, -24.8717
Hunter-Lab	70.2322, -2.3808, -26.3591

Details

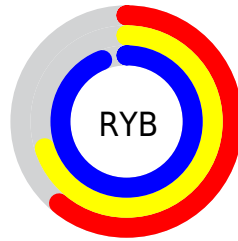
The Hex color **9CBCF0** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F0D09C**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **D4F4FF**, and **6687B8** is the 20% darker color. If you saturate the color by 10%, you get **84ADF0**, and if you desaturate by 10%, it is **B4CBF0**.

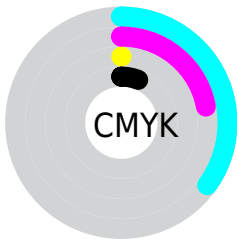
Distribution



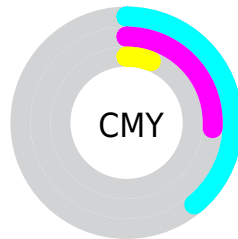
- Red (61%)
- Green (74%)
- Blue (94%)



- Red (61%)
- Yellow (70%)
- Blue (94%)



- Cyan (35%)
- Magenta (22%)
- Yellow (0%)
- Black (6%)



- Cyan (39%)
- Magenta (26%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CBCF0 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 9CBCF0 by changing the saturation by 10% instead.

■ 9CBCF0

■ 9CBCF0

FFFFFF

■ 81A1D4

■ D4F4FF

■ 6687B8

■ F1FFFF

■ 4B6E9D

■ 305683

■ 0F3F69

■ 002951

■ 00153A

■ 000224

■ 00000B

 9CBCF0

 9CBCF0

 84ADF0

 B4CBF0

 6C9EF0

 CCDAF0

 548FF0

 E4E9F0

 3C81F0

 FCF7F0

 2472F0

 FFFFF0

 0C63F0

 005BF0

Harmonies

Analogous

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



78C4EA



9CBCF0



C2B3E8

Triad

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



9CBCF0



F0A99E



8FC7A1

Complementary

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



9CBCF0



F0D09C

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.



AEC28C



9CBCF0



E3B08B

Square

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



9CBCF0



EFA7B9



CBBA84



73CABC

Rectangle

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



9CBCF0



D7ADDB



CBBA84



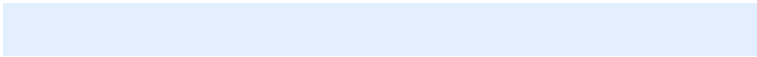
99C699

Sweetspot

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



9CBCF0



E3EEFF



9CF0D0



6F7580



000000



808080

Same Dimension

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



9CBCF0



94BDFF



A69CF0



6C7078



0046B8



001538

Inverse Universe

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



F09CBC



FF94BD



E6F09C



786C70



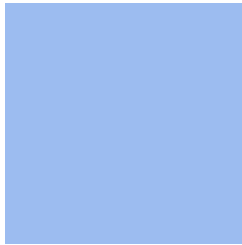
B80046



380015

Previews

White Background



This preview shows how the Hex color 9CBCF0 looks on a white background.

Color Contrast Check

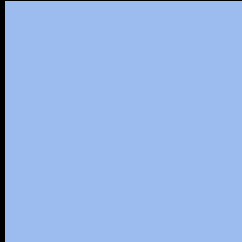
Large Text (above 18pt) WCAG AA × Fail

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 9CBCF0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

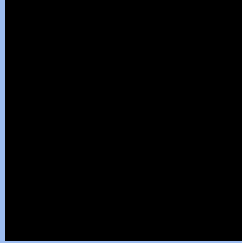
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

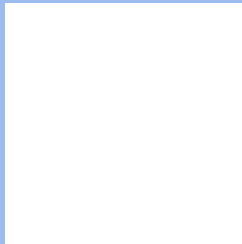
Any Text WCAG AAA ✓ Pass

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

Hex 9CBCF0 Background



This preview shows how black text looks on a background with the Hex color 9CBCF0.



This preview shows how white text looks on a background with the Hex color 9CBCF0.

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
9CBCF0

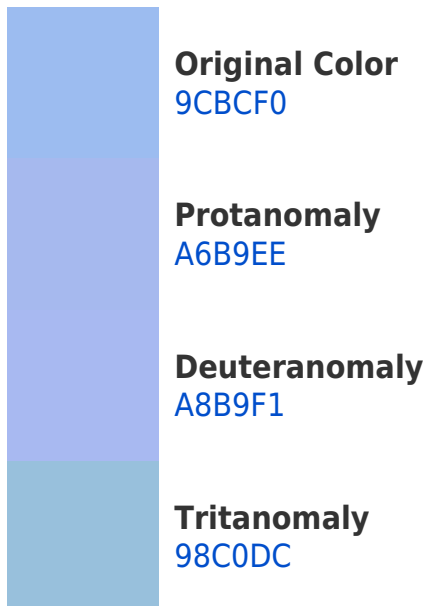
Protanopia
ACB8ED

Deuteranopia
AFB7F1



Tritanopia
95C2D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9CBCF0 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 #9CBCF0 looks like.

```
.text, #text, p{  
    color:#9CBCF0  
}
```

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 #9CBCF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CBCF0
}
```

Border

The CSS property to change the border of an element to Hex 9CBCF0 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
#9CBCF0 }
```

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

```
.border{ border-color:#9CBCF0 }
```

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

Here you see how a box with a 4 pixel #9CBCF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CBCF0; -webkit-box-shadow:4px 4px  
4px 4px #9CBCF0; box-shadow:4px 4px 4px  
4px #9CBCF0 }
```

Background

The CSS property to change the background color of an element to Hex 9CBCF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CBCF0 }
```

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

```
.background{ background-color:#9CBCF0 }
```

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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