

# Converting Colors

Hex(9CBFEC)

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

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# **Color**

**Hex(9CBFEC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9CBFEC
RGB	156, 191, 236
RGB Percent	61%, 75%, 93%
CMY	0.3882, 0.2510, 0.0745
CMYK	0.34, 0.19, 0.00, 0.07
HSL	214°, 68%, 77%
HSV	214°, 34%, 93%
XYZ	47.4814, 50.3857, 86.5797
YIQ	185.6650, -35.3050, 6.5750

# Conversions

## Conversions Part 2

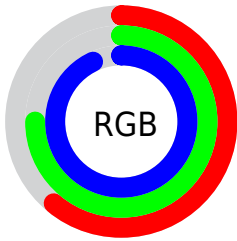
Format	Color
R <sub>Y</sub> B	156, 180, 236
Decimal	10272748
CIE Lab	76.31, -1.13, -26.14
CIE LCh	76, 26.166, 267.514
Yxy	50.3857, 0.2574, 0.2732
Android (android.graphics.Color)	4288462828 (0xFF9CBFEC)
YUV	185.6650, 24.8152, -26.0162
Hunter-Lab	70.9829, -4.8188, -22.6297

# Details

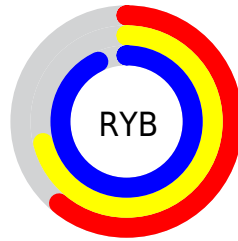
The Hex color **9CBFEC** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **ECC99C**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **D4F7FF**, and **668AB4** is the 20% darker color. If you saturate the color by 10%, you get **84B2EC**, and if you desaturate by 10%, it is **B4CCEC**.

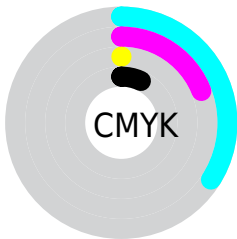
# Distribution



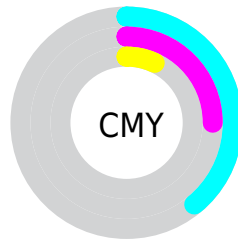
- Red (61%)
- Green (75%)
- Blue (93%)



- Red (61%)
- Yellow (71%)
- Blue (93%)



- Cyan (34%)
- Magenta (19%)
- Yellow (0%)
- Black (7%)



- Cyan (39%)
- Magenta (25%)
- Yellow (7%)

# Brightness & Saturation Gradients

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



 9CBFEC

 9CBFEC

FFFFFF

 81A4D0

 D4F7FF

 668AB4

 F1FFFF

 4C7099

 31587F

 124166

 002B4E

 001737

 000221

 000006

■ 9CBFEC

■ 9CBFEC

■ 84B2EC

■ B4CCEC

■ 6DA4EC

■ CBDAEC

■ 5597EC

■ E3E7EC

■ 3E8AEC

■ FAF4EC

■ 267DEC

■ FFFFEC

■ 0E6FEC

■ 0067EC

# Harmonies

## Analogous

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



80C6E4



9CBFEC



BDB7E7

# Triad

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



9CBFEC



EDACA7



9BC7A2

# Complementary

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



9CBFEC



ECC99C

# 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.



B6C191



9CBFEC



E4B294

# Square

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



9CBFEC



EAABBF



D0BA8C



82CAB9

# Rectangle

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



9CBFEC



D1B1DD



D0BA8C



A4C59B



# Sweetspot

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



9CBFEC



E6F1FF



9CECC8



707780



000000



808080



# Same Dimension

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



9CBFEC



96C4FF



A09CEC



6A6F75



004FB5



001736



# Inverse Universe

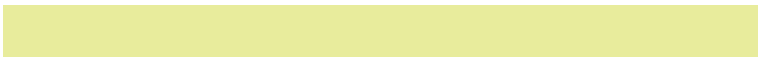
The Inverse Universe completely reimagines the original color for something new.



EC9CBF



FF96C4



E8EC9C



756A6F



B5004F

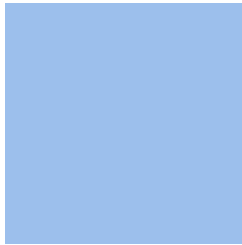


360017



# Previews

## White Background



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

## Color Contrast Check

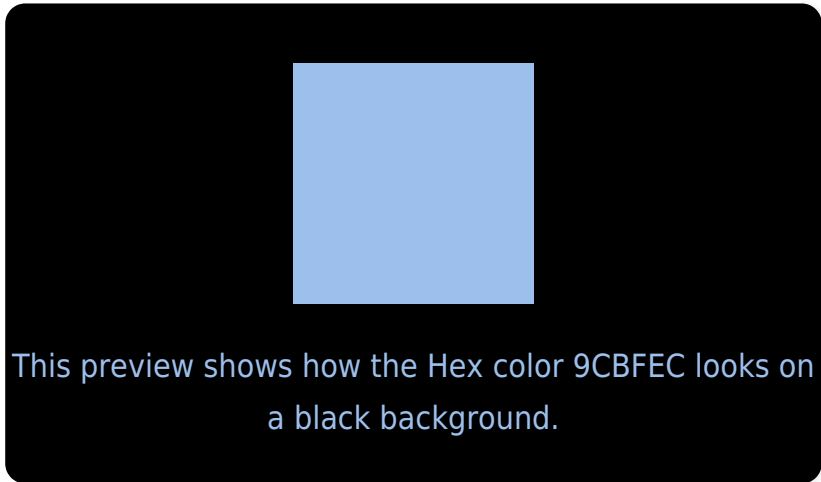
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

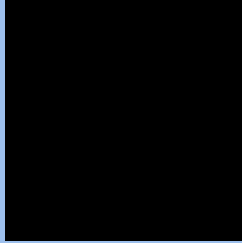
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

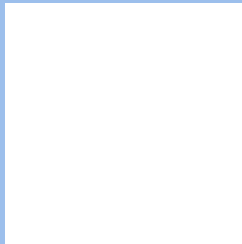
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9CBFEC Background



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

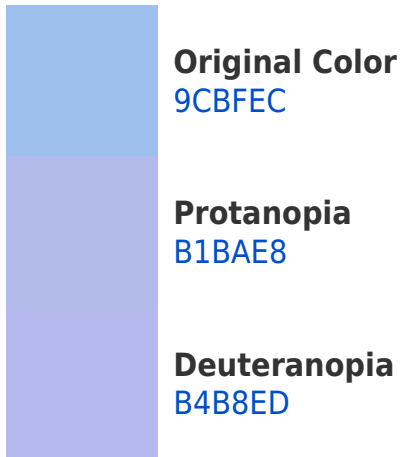


This preview shows how white text looks on a background with the Hex color 9CBFEC.

# 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](#).

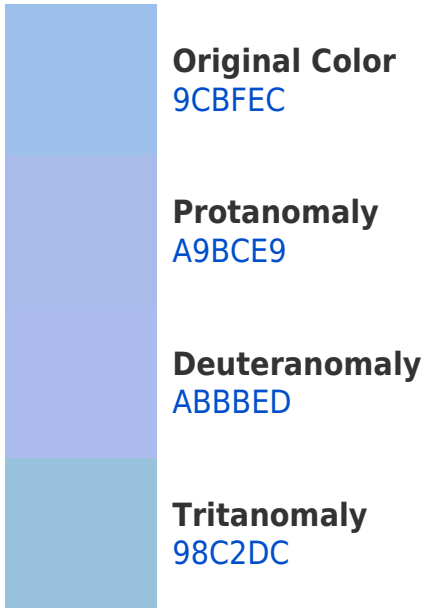
## Dichromacy





**Tritanopia**  
96C3D3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #9CBFEC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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