

Converting Colors

Hex(9EC3F5)

Have a look what the booklet for
Hex(9EC3F5) contains.

Hex(9EC3F5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9EC3F5)

Conversions

Conversions Part 1

Format	Color
Hex	9EC3F5
RGB	158, 195, 245
RGB Percent	62%, 76%, 96%
CMY	0.3804, 0.2353, 0.0392
CMYK	0.36, 0.20, 0.00, 0.04
HSL	214°, 81%, 79%
HSV	214°, 36%, 96%
XYZ	50.0971, 52.8919, 93.9550
YIQ	189.6370, -38.1020, 7.7060

Conversions

Conversions Part 2

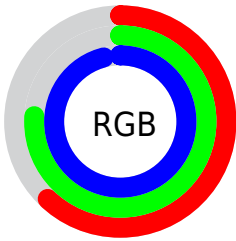
Format	Color
R _Y B	158, 184, 245
Decimal	10404853
CIE Lab	77.81, -0.47, -28.66
CIE LCh	78, 28.668, 269.061
Yxy	52.8919, 0.2544, 0.2686
Android (android.graphics.Color)	4288594933 (0xFF9EC3F5)
YUV	189.6370, 27.2940, -27.7456
Hunter-Lab	72.7268, -4.3141, -25.6873

Details

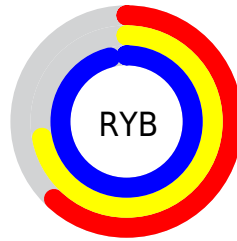
The Hex color **9EC3F5** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F5D09E**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **D7FBFF**, and **678EBD** is the 20% darker color. If you saturate the color by 10%, you get **86B5F5**, and if you desaturate by 10%, it is **B7D1F5**.

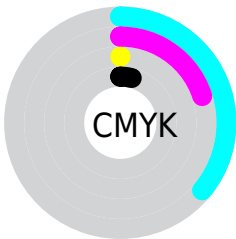
Distribution



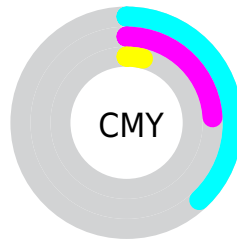
- Red (62%)
- Green (76%)
- Blue (96%)



- Red (62%)
- Yellow (72%)
- Blue (96%)



- Cyan (36%)
- Magenta (20%)
- Yellow (0%)
- Black (4%)



- Cyan (38%)
- Magenta (24%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EC3F5 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 9EC3F5 by changing the saturation by 10% instead.

 9EC3F5

 9EC3F5

FFFFFF


 82A8D8

 D7FBFF

 678EBD

 F4FFFF

 4C74A1


 315C87

 10446E

 002E55

 001A3E

 000328

 000111

■ 9EC3F5

■ 9EC3F5

■ 86B5F5

■ B7D1F5

■ 6DA7F5

■ CFDFF5

■ 5599F5

■ E8EDF5

■ 3C8BF5

■ FFFBF5

■ 247DF5

■ FFFFF5

■ 0B6FF5

■ 0068F5

Harmonies

Analogous

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



7DCAED



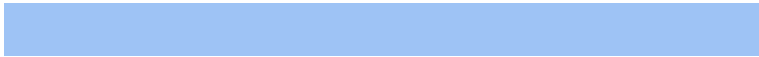
9EC3F5



C3BAEF

Triad

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



9EC3F5



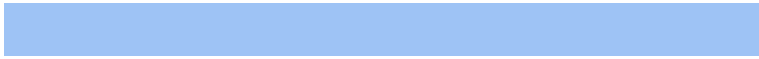
F6AFA8



9ACCA4

Complementary

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



9EC3F5



F5D09E

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.



B8C791



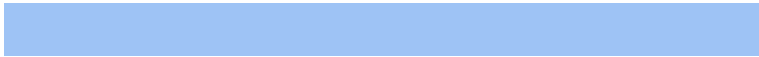
9EC3F5



EAB594

Square

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



9EC3F5



F3ADC2



D4BE8B



7ECFBF

Rectangle

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



9EC3F5



D9B4E3



D4BE8B



A4CB9D

Sweetspot

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



9EC3F5



E3EFFF



9EF5CF



6F7680



000000



808080

Same Dimension

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



9EC3F5



91C0FF



A49EF5



6E737A



004FBA



00193B

Inverse Universe

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



F59EC3



FF91C0



EFF59E



7A6E73



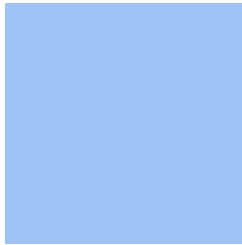
BA004F



3B0019

Previews

White Background



This preview shows how the Hex color 9EC3F5 looks on a white background.

Color Contrast Check

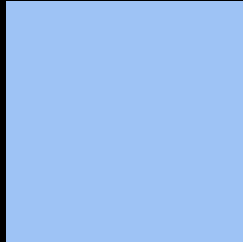
Large Text (above 18pt) WCAG AA × Fail

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 9EC3F5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

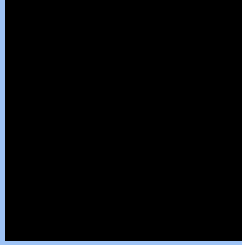
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

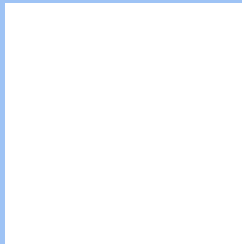
Any Text WCAG AAA ✓ Pass

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

Hex 9EC3F5 Background



This preview shows how black text looks on a background with the Hex color 9EC3F5.



This preview shows how white text looks on a background with the Hex color 9EC3F5.

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](#).

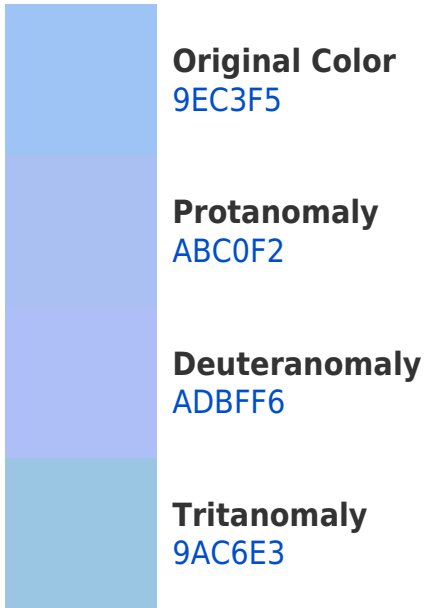
Dichromacy



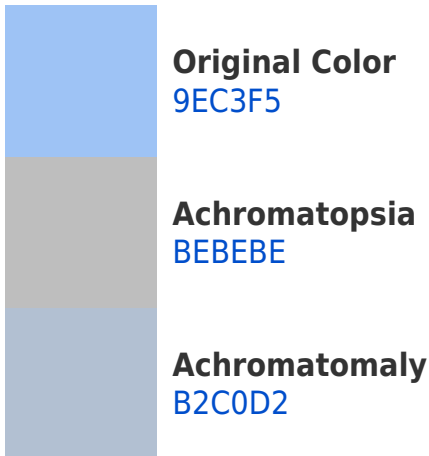


Tritanopia
97C8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9EC3F5 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 #9EC3F5 looks like.

```
.text, #text, p{  
    color:#9EC3F5  
}
```

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 #9EC3F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EC3F5
}
```

Border

The CSS property to change the border of an element to Hex 9EC3F5 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
#9EC3F5 }
```

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

```
.border{ border-color:#9EC3F5 }
```

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

Here you see how a box with a 4 pixel #9EC3F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EC3F5; -webkit-box-shadow:4px 4px  
4px 4px #9EC3F5; box-shadow:4px 4px 4px  
4px #9EC3F5 }
```

Background

The CSS property to change the background color of an element to Hex 9EC3F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EC3F5 }
```

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

```
.background{ background-color:#9EC3F5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor