

Converting Colors

Hex(9CC3F5)

Have a look what the booklet for
Hex(9CC3F5) contains.

Hex(9CC3F5)	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(9CC3F5)

Conversions

Conversions Part 1

Format	Color
Hex	9CC3F5
RGB	156, 195, 245
RGB Percent	61%, 76%, 96%
CMY	0.3882, 0.2353, 0.0392
CMYK	0.36, 0.20, 0.00, 0.04
HSL	214°, 82%, 79%
HSV	214°, 36%, 96%
XYZ	49.7068, 52.6907, 93.9367
YIQ	189.0390, -39.2940, 7.2820

Conversions

Conversions Part 2

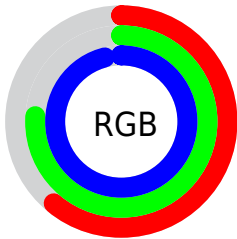
Format	Color
R _Y B	156, 183, 245
Decimal	10273781
CIE Lab	77.69, -1.01, -28.86
CIE LCh	78, 28.874, 267.999
Yxy	52.6907, 0.2532, 0.2684
Android (android.graphics.Color)	4288463861 (0xFF9CC3F5)
YUV	189.0390, 27.5888, -28.9752
Hunter-Lab	72.5884, -4.7969, -25.9154

Details

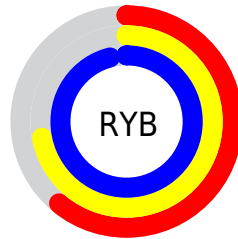
The Hex color **9CC3F5** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F5CE9C**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **D5FBFF**, and **658EBD** is the 20% darker color. If you saturate the color by 10%, you get **84B5F5**, and if you desaturate by 10%, it is **B4D1F5**.

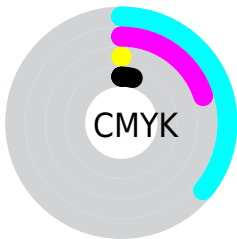
Distribution



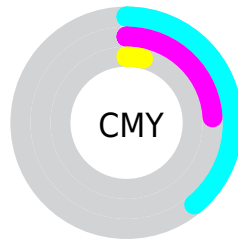
- Red (61%)
- Green (76%)
- Blue (96%)



- Red (61%)
- Yellow (72%)
- Blue (96%)



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



- Cyan (39%)
- Magenta (24%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CC3F5 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 9CC3F5 by changing the saturation by 10% instead.

■ 9CC3F5

■ 9CC3F5

FFFFFF

■ 80A8D8

■ D5FBFF

■ 658EBD

■ F2FFFF

■ 4A74A1

■ 2E5C87

■ 0A446E

■ 002E55

■ 001A3E

■ 000328

■ 000111

■ 9CC3F5

■ 9CC3F5

■ 84B5F5

■ B4D1F5

■ 6BA7F5

■ CDDFF5

■ 539AF5

■ E6ECF5

■ 3A8CF5

■ FEFAF5

■ 227EF5

■ FFFFF5

■ 0970F5

■ 006BF5

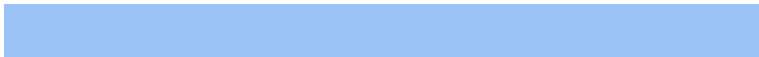
Harmonies

Analogous

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



7BCAED



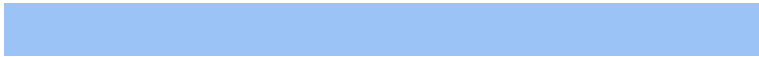
9CC3F5



C2BAEF

Triad

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



9CC3F5



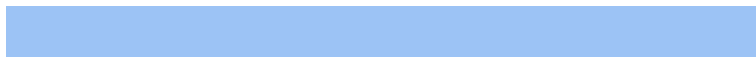
F6AEA8



9ACCA3

Complementary

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



9CC3F5



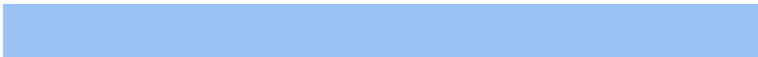
F5CE9C

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.



B9C690



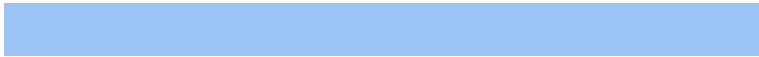
9CC3F5



EBB594

Square

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



9CC3F5



F3ADC3



D5BE8B



7ECFBD

Rectangle

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



9CC3F5



D8B4E4



D5BE8B



A4CA9B

Sweetspot

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



9CC3F5



E3EFFF



9CF5CD



6F7680



000000



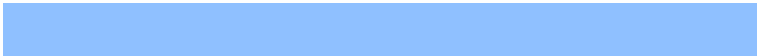
808080

Same Dimension

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



9CC3F5



8FC0FF



A09CF5



6E747A



0052BA



001A3B

Inverse Universe

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



F59CC3



FF8FC0



F1F59C



7A6E74



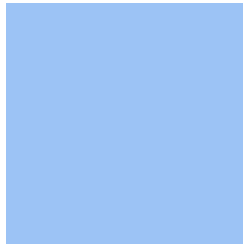
BA0052



3B001A

Previews

White Background



This preview shows how the Hex color 9CC3F5 looks on a white background.

Color Contrast Check

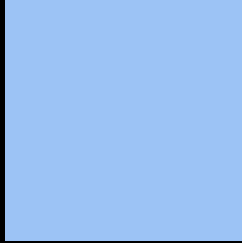
Large Text (above 18pt) WCAG AA × Fail

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 9CC3F5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

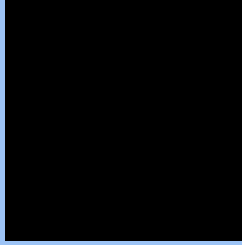
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

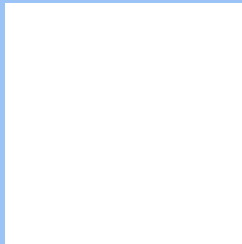
Any Text WCAG AAA ✓ Pass

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

Hex 9CC3F5 Background



This preview shows how black text looks on a background with the Hex color 9CC3F5.



This preview shows how white text looks on a background with the Hex color 9CC3F5.

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](#).

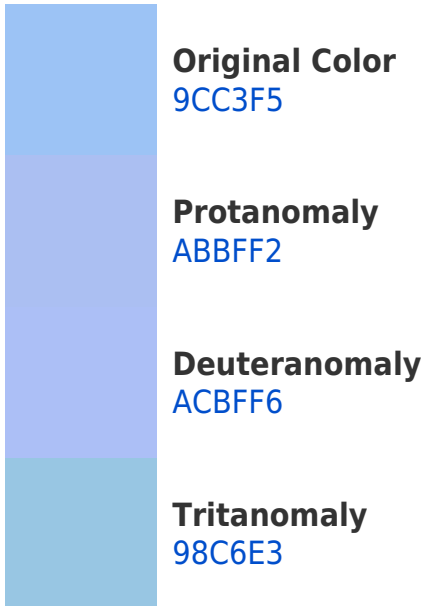
Dichromacy



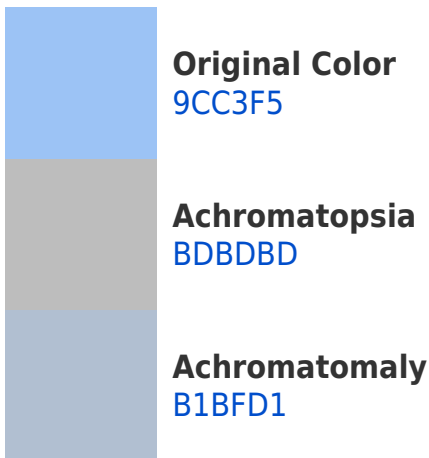


Tritanopia
95C8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9CC3F5 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 #9CC3F5 looks like.

```
.text, #text, p{  
    color:#9CC3F5  
}
```

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 #9CC3F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CC3F5
}
```

Border

The CSS property to change the border of an element to Hex 9CC3F5 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
#9CC3F5 }
```

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

```
.border{ border-color:#9CC3F5 }
```

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

Here you see how a box with a 4 pixel #9CC3F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CC3F5; -webkit-box-shadow:4px 4px  
4px 4px #9CC3F5; box-shadow:4px 4px 4px  
4px #9CC3F5 }
```

Background

The CSS property to change the background color of an element to Hex 9CC3F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CC3F5 }
```

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

```
.background{ background-color:#9CC3F5 }
```

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