

Converting Colors

Hex(9CAFF5)

Have a look what the booklet for
Hex(9CAFF5) contains.

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Color

Hex(9CAFF5)

Conversions

Conversions Part 1

Format	Color
Hex	9CAFF5
RGB	156, 175, 245
RGB Percent	61%, 69%, 96%
CMY	0.3882, 0.3137, 0.0392
CMYK	0.36, 0.29, 0.00, 0.04
HSL	227°, 82%, 79%
HSV	227°, 36%, 96%
XYZ	45.5217, 44.3204, 92.5416
YIQ	177.2990, -33.7940, 17.7420

Conversions

Conversions Part 2

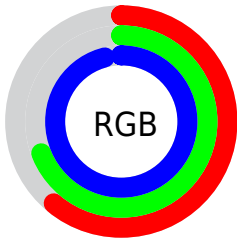
Format	Color
R _Y B	156, 172, 245
Decimal	10268661
CIE Lab	72.44, 9.98, -36.96
CIE LCh	72, 38.285, 285.113
Yxy	44.3204, 0.2496, 0.2430
Android (android.graphics.Color)	4288458741 (0xFF9CAFF5)
YUV	177.2990, 33.3766, -18.6792
Hunter-Lab	66.5736, 5.5510, -35.8155

Details

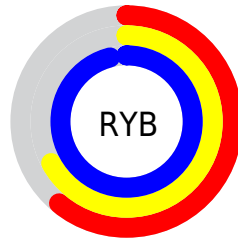
The Hex color **9CAFF5** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **F5E29C**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **D5E6FF**, and **657BBC** is the 20% darker color. If you saturate the color by 10%, you get **849CF5**, and if you desaturate by 10%, it is **B4C2F5**.

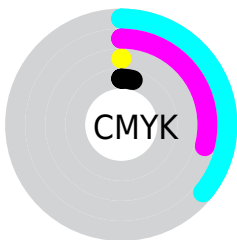
Distribution



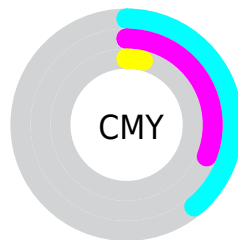
- Red (61%)
- Green (69%)
- Blue (96%)



- Red (61%)
- Yellow (67%)
- Blue (96%)



- Cyan (36%)
- Magenta (29%)
- Yellow (0%)
- Black (4%)



- Cyan (39%)
- Magenta (31%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CAFF5 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 9CAFF5 by changing the saturation by 10% instead.

 9CAFF5

 9CAFF5

FFFFFF

 8094D8

 D5E6FF

 657BBC

 F2FFFF

 4A62A1


 2E4A87

 0A346D

 002054

 00073D

 000326

 00010F

 9CAFF5

 9CAFF5

 849CF5

 B4C2F5

 6B88F5

 CDD6F5

 5375F5

 E6E9F5

 3A62F5

 FEFCF5

 224FF5

 FFFFF5

 093BF5

 0034F5

Harmonies

Analogous

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



61BAF5



9CAFF5



CCA2E3

Triad

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



9CAFF5



EF9E82



64C39F

Complementary

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



9CAFF5



F5E29C

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.



90BE7F



9CAFF5



D8AA6E

Square

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



9CAFF5



F697A1



B7B56D



33C4C3

Rectangle

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



9CAFF5



E39BD0



B7B56D



73C293

Sweetspot

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



9CAFF5



E3E9FF



9CF5E2



6F7280



000000



808080

Same Dimension

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



9CAFF5



8FA7FF



B59CF5



6E717A



0028BA



000D3B

Inverse Universe

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



F59CAF



FF8FA7



DCF59C



7A6E71



BA0028



3B000D

Previews

White Background



This preview shows how the Hex color 9CAFF5 looks on a white background.

Color Contrast Check

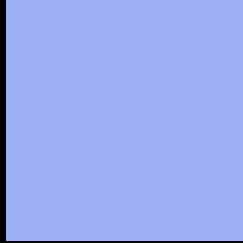
Large Text (above 18pt) WCAG AA × Fail

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 9CAFF5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

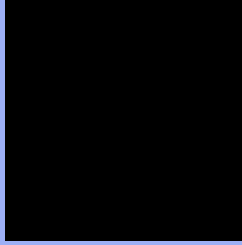
Any Text WCAG AA ✓ Pass

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 9CAFF5 Background



This preview shows how black text looks on a background with the Hex color 9CAFF5.



This preview shows how white text looks on a background with the Hex color 9CAFF5.

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
9CAFF5

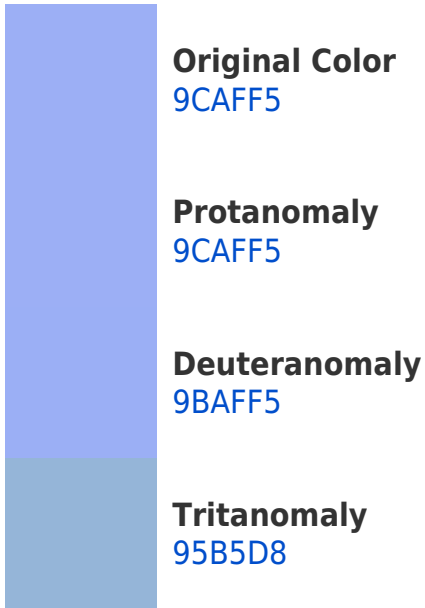
Protanopia
9CAFF5

Deuteranopia
9BAFF5

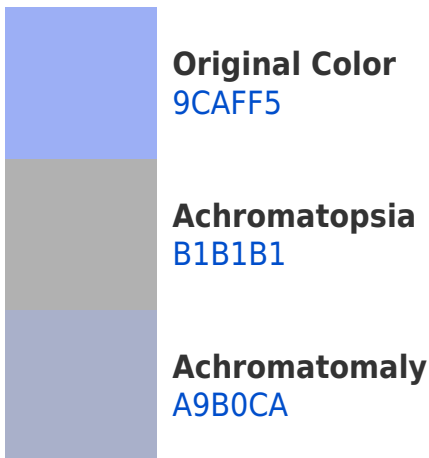


Tritanopia
91B8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9CAFF5 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 #9CAFF5 looks like.

```
.text, #text, p{  
    color:#9CAFF5  
}
```

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 #9CAFF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CAFF5
}
```

Border

The CSS property to change the border of an element to Hex 9CAFF5 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
#9CAFF5 }
```

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

```
.border{ border-color:#9CAFF5 }
```

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

Here you see how a box with a 4 pixel #9CAFF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CAFF5; -webkit-box-shadow:4px 4px  
4px 4px #9CAFF5; box-shadow:4px 4px 4px  
4px #9CAFF5 }
```

Background

The CSS property to change the background color of an element to Hex 9CAFF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CAFF5 }
```

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

```
.background{ background-color:#9CAFF5 }
```

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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