

# Converting Colors

Hex(9EAF5)

Have a look what the booklet for  
Hex(9EAF5) contains.

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# **Color**

**Hex(9EAF5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9EAF5
RGB	158, 175, 245
RGB Percent	62%, 69%, 96%
CMY	0.3804, 0.3137, 0.0392
CMYK	0.36, 0.29, 0.00, 0.04
HSL	228°, 81%, 79%
HSV	228°, 36%, 96%
XYZ	45.9120, 44.5216, 92.5599
YIQ	177.8970, -32.6020, 18.1660

# Conversions

## Conversions Part 2

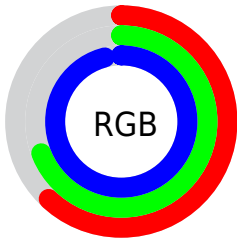
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	158, 172, 245
Decimal	10399733
CIE Lab	72.58, 10.52, -36.74
CIE LCh	73, 38.220, 285.978
Yxy	44.5216, 0.2509, 0.2433
Android (android.graphics.Color)	4288589813 (0xFF9EAF5)
YUV	177.8970, 33.0818, -17.4497
Hunter-Lab	66.7245, 6.0548, -35.5396

# Details

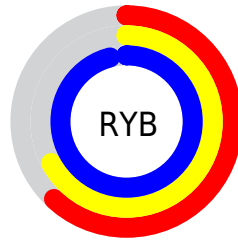
The Hex color **9EAF5** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **F5E49E**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **D7E6FF**, and **677BBC** is the 20% darker color. If you saturate the color by 10%, you get **869BF5**, and if you desaturate by 10%, it is **B7C3F5**.

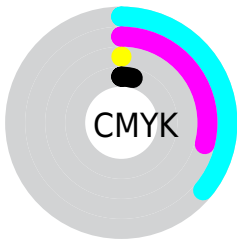
# Distribution



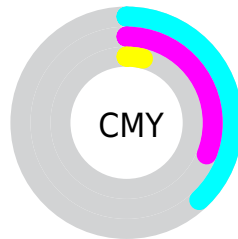
- Red (62%)
- Green (69%)
- Blue (96%)



- Red (62%)
- Yellow (67%)
- Blue (96%)



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



- Cyan (38%)
- Magenta (31%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9EAF5 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 9EAF5 by changing the saturation by 10% instead.



■ 9EAF5

■ 9EAF5

FFFFFF

■ 8294D8

■ D7E6FF

■ 677BBC

■ F4FFFF

■ 4C62A1

■ 314A87

■ 0F346D

■ 001F54


■ 00073D

■ 000326

■ 00010F

 9EAF5

 9EAF5

 869BF5

 B7C3F5

 6D88F5

 CFD6F5

 5574F5

 E8EAF5

 3C60F5

 FFFE5

 244CF5

 FFFFF5

 0B39F5

 0030F5

# Harmonies

## Analogous

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



63BAF5



9EAF5



CEA2E3

# Triad

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



9EAFF5



EF9F81



63C4A0

# Complementary

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



9EAF55



F5E49E

# 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.



8FBF80



9EAFF5



D8AA6E

# Square

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



9EAFF5



F797A0



B7B66E



33C5C4

# Rectangle

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



9EAFF5



E49BCF



B7B66E



72C294



# Sweetspot

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



9EAFF5



E3E8FF



9EF5E4



6F7280



000000



808080



# Same Dimension

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



9EAFF5



91A7FF



B89EF5



6E717A



0024BA



000B3B



# Inverse Universe

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



F59EAF



FF91A7



DBF59E



7A6E71



BA0024



3B000B



# Previews

## White Background



This preview shows how the Hex color 9EAF55 looks on a white background.

## Color Contrast Check

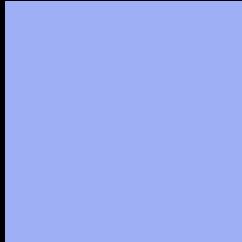
Large Text (above 18pt) WCAG AA × Fail

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 9EAF5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

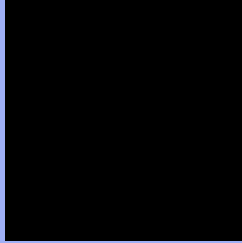
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9EAF5 Background



This preview shows how black text looks on a background with the Hex color 9EAF5.



This preview shows how white text looks on a background with the Hex color 9EAF5.

# 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](#).

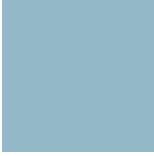
## Dichromacy



**Original Color**  
9EAFF5

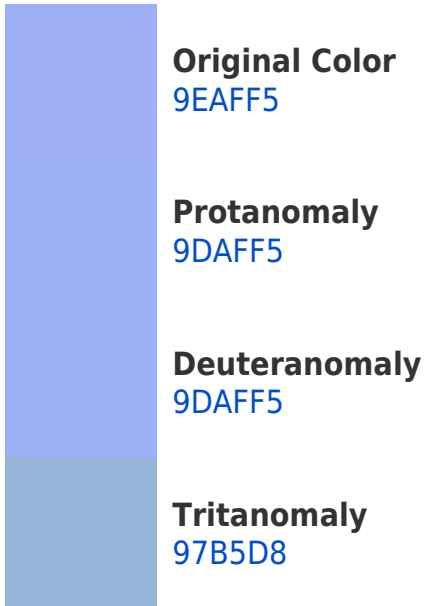
**Protanopia**  
9DAFF5

**Deuteranopia**  
9CAFF5

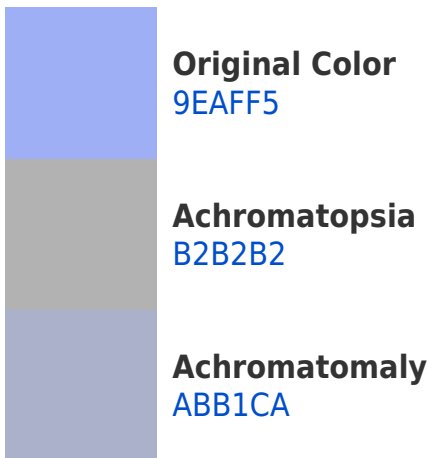


**Tritanopia**  
93B8C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9EAF5 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 #9EAF5 looks like.

```
.text, #text, p{  
    color:#9EAF5  
}
```

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 #9EAF55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EAF55  
}
```

## Border

The CSS property to change the border of an element to Hex 9EAF55 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  
#9EAF55 }
```

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

```
.border{ border-color:#9EAF5 }
```

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

Here you see how a box with a 4 pixel #9EAF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EAF5; -webkit-box-shadow:4px 4px  
4px 4px #9EAF5; box-shadow:4px 4px 4px  
4px #9EAF5 }
```

# Background

The CSS property to change the background color of an element to Hex 9EAF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EAF5 }
```

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

```
.background{ background-color:#9EAF5 }
```

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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