

# Converting Colors

Hex(9199EF)

Have a look what the booklet for  
Hex(9199EF) contains.

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# **Color**

**Hex(9199EF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9199EF
RGB	145, 153, 239
RGB Percent	57%, 60%, 94%
CMY	0.4314, 0.4000, 0.0627
CMYK	0.39, 0.36, 0.00, 0.06
HSL	235°, 75%, 75%
HSV	235°, 39%, 94%
XYZ	38.6483, 35.0342, 86.3866
YIQ	160.4120, -32.3740, 25.0500

# Conversions

## Conversions Part 2

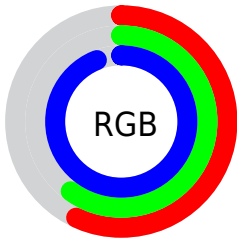
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">145, 152, 239</a>
Decimal	<a href="#">9542127</a>
CIELab	<a href="#">65.78, 17.95, -44.16</a>
CIELCh	<a href="#">66, 47.666, 292.116</a>
Yxy	<a href="#">35.0342, 0.2414, 0.2189</a>
Android (android.graphics.Color)	<a href="#">4287732207</a> (0xFF9199EF)
YUV	<a href="#">160.4120, 38.7439, -13.5163</a>
Hunter-Lab	<a href="#">59.1897, 12.9707, -45.1002</a>

# Details

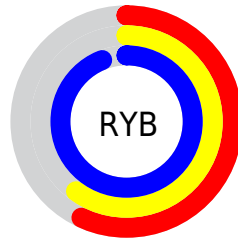
The Hex color **9199EF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **EFE791**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **CACFFF**, and **5A66B7** is the 20% darker color. If you saturate the color by 10%, you get **7983EF**, and if you desaturate by 10%, it is **A9AFEF**.

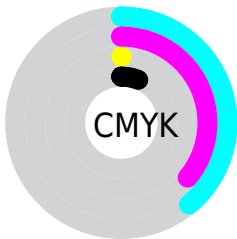
# Distribution



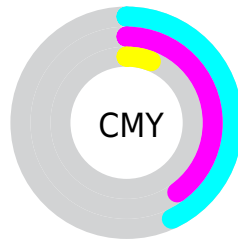
- Red (57%)
- Green (60%)
- Blue (94%)



- Red (57%)
- Yellow (60%)
- Blue (94%)



- Cyan (39%)
- Magenta (36%)
- Yellow (0%)
- Black (6%)



- Cyan (43%)
- Magenta (40%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9199EF 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 9199EF by changing the saturation by 10% instead.



■ 9199EF

FFFFFF

■ CACFFF

■ E7EBFF

■ 9199EF

■ 757FD2

■ 5A66B7

■ 3E4E9B

■ 1E3881

■ 002367

■ 000F4F

■ 000537

■ 000221

■ 000006

■ 9199EF

■ 9199EF

■ 7983EF

■ A9AFEF

■ 616DEF

■ C1C5EF

■ 4957EF

■ D9DBEF

■ 3142EF

■ F1F0EF

■ 192CEF

■ FFFFEF

■ 0216EF

■ 0014EF

# Harmonies

## Analogous

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



30A8F4



9199EF



CA88D5

# Triad

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



9199EF



E28A5E



00B593

# Complementary

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



9199EF



EFE791

# 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.



67B069



9199EF



C39A49

# Square

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



9199EF



F07E82



9AA74D



00B5BF

# Rectangle

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



9199EF



E280BB



9AA74D



37B484



# Sweetspot

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



9199EF



E0E3FF



91EFE6



6E6F80



000000



808080



# Same Dimension

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



9199EF



8791FF



B791EF



6C6D78



0010B8



000538



# Inverse Universe

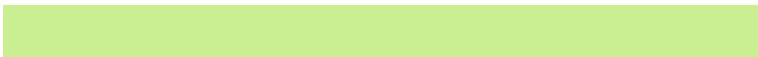
The Inverse Universe completely reimagines the original color for something new.



EF9199



FF8791



C9EF91



786C6D



B80010

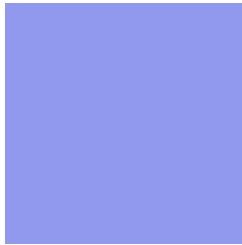


380005



# Previews

## White Background



This preview shows how the Hex color 9199EF 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 9199EF Background



This preview shows how black text looks on a background with the Hex color 9199EF.



This preview shows how white text looks on a background with the Hex color 9199EF.

# 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**  
9199EF

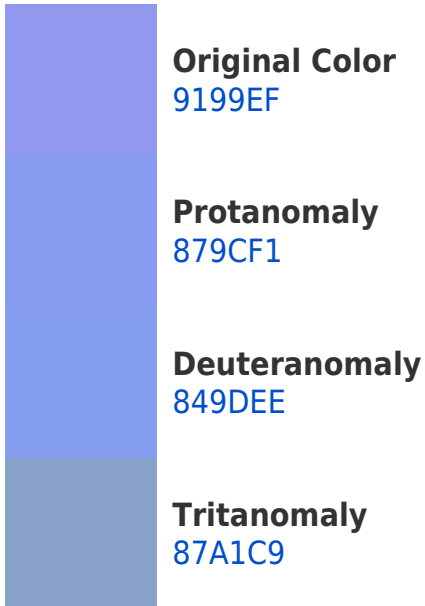
**Protanopia**  
819DF2

**Deuteranopia**  
7C9FEE

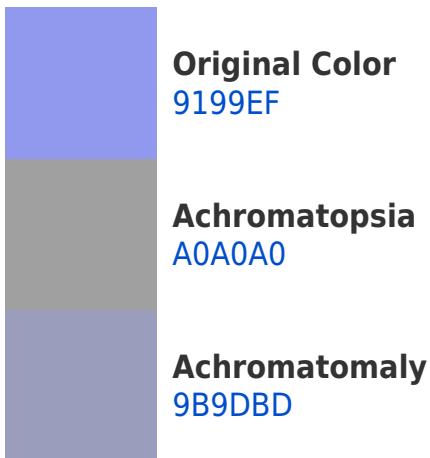


**Tritanopia**  
82A5B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9199EF 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 #9199EF looks like.

```
.text, #text, p{  
    color:#9199EF  
}
```

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 #9199EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9199EF
}
```

## Border

The CSS property to change the border of an element to Hex 9199EF is called "border". The border property can be set on classes, ids or directly on the HTML element.

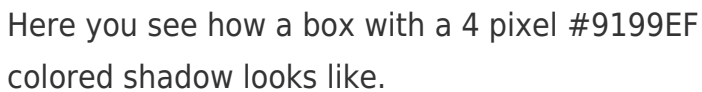
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9199EF }
```

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

```
.border{ border-color:#9199EF }
```

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



Here you see how a box with a 4 pixel #9199EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9199EF; -webkit-box-shadow:4px 4px  
4px 4px #9199EF; box-shadow:4px 4px 4px  
4px #9199EF }
```

# Background

The CSS property to change the background color of an element to Hex 9199EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9199EF }
```

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

```
.background{ background-color:#9199EF }
```

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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