

Converting Colors

Hex(9E59F3)

Have a look what the booklet for
Hex(9E59F3) contains.

Hex(9E59F3)	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(9E59F3)

Conversions

Conversions Part 1

Format	Color
Hex	9E59F3
RGB	158, 89, 243
RGB Percent	62%, 35%, 95%
CMY	0.3804, 0.6510, 0.0471
CMYK	0.35, 0.63, 0.00, 0.05
HSL	267°, 87%, 65%
HSV	267°, 63%, 95%
XYZ	33.8506, 20.8849, 87.0411
YIQ	127.1870, -8.3100, 62.5220

Conversions

Conversions Part 2

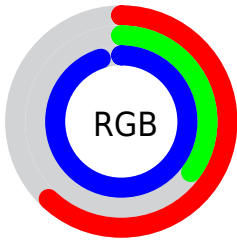
Format	Color
R_{YB}	158, 89, 243
Decimal	10377715
CIE _{Lab}	52.82, 57.76, -66.96
CIE _{LCh}	53, 88.429, 310.784
Y _{xy}	20.8849, 0.2388, 0.1473
Android (android.graphics.Color)	4288567795 (0xFF9E59F3)
YUV	127.1870, 57.0958, 27.0230
Hunter-Lab	45.7000, 52.2422, -80.9348

Details

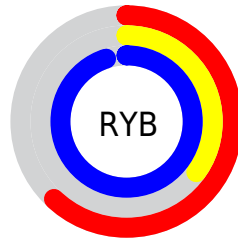
The Hex color **9E59F3** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **AEF359**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **D98EFF**, and **6423BA** is the 20% darker color. If you saturate the color by 10%, you get **9141F3**, and if you desaturate by 10%, it is **AB71F3**.

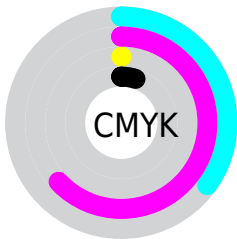
Distribution



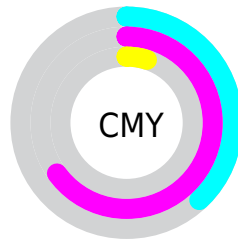
- Red (62%)
- Green (35%)
- Blue (95%)



- Red (62%)
- Yellow (35%)
- Blue (95%)



- Cyan (35%)
- Magenta (63%)
- Yellow (0%)
- Black (5%)



- Cyan (38%)
- Magenta (65%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Hex color 9E59F3 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 9E59F3 by changing the saturation by 10% instead.

 9E59F3

 9E59F3

FFFFFF

 813FD6

 D98EFF

 6423BA

 F7AAFF

 46009E

 FFC6FF

 240083

 FFE3FF

 000069

 000050

 000538

 000222

 000007

■ 9E59F3

■ 9E59F3

■ 9141F3

■ AB71F3

■ 8328F3

■ B98AF3

■ 7610F3

■ C6A2F3

■ 6D00F3

■ D4BAF3

■ E1D2F3

■ EEEBF3

■ FCFFF3

■ FFFFF3

Harmonies

Analogous

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



0080FF



9E59F3



E910B2

Triad

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



9E59F3



C06800



009D99

Complementary

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



9E59F3



AEF359

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.



009A48



9E59F3



818400

Square

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



9E59F3



ED371A



119300



009CE1

Rectangle

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



9E59F3



FC0080



119300



009D7E

Sweetspot

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



9E59F3



E4CFFF



59B0F3



6F6280



000000



808080

Same Dimension

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



9E59F3



943DFF



E959F3



746E7A



5300BA



1A003B

Inverse Universe

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



F359AE



FF3DA8



63F359



7A6E75



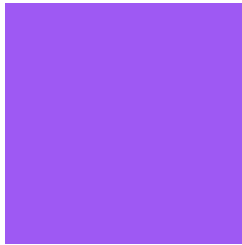
BA0067



3B0020

Previews

White Background



This preview shows how the Hex color 9E59F3 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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

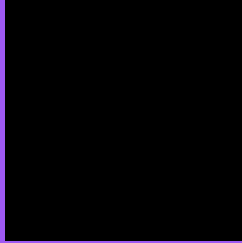
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 9E59F3 Background



This preview shows how black text looks on a background with the Hex color 9E59F3.

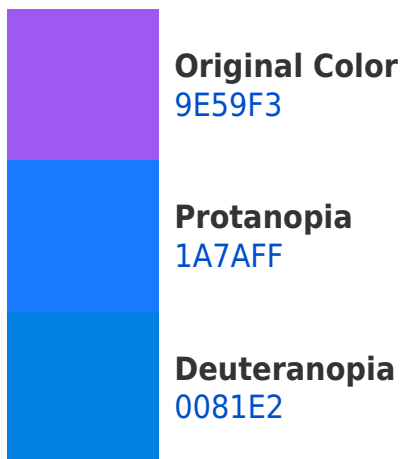



This preview shows how white text looks on a background with the Hex color 9E59F3.

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
887A84

Trichromacy



Original Color
9E59F3



Protanomaly
4A6EFB



Deuteranomaly
3972E8



Tritanomaly
906EAC

Monochromacy



Original Color
9E59F3



Achromatopsia
7F7F7F



Achromatomaly
8A71A9

CSS Examples

Text

The CSS property to change the color of the text to Hex 9E59F3 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 #9E59F3 looks like.

```
.text, #text, p{  
    color:#9E59F3  
}
```

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 #9E59F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E59F3
}
```

Border

The CSS property to change the border of an element to Hex 9E59F3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

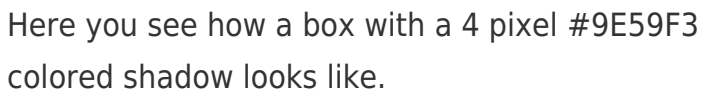
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E59F3 }
```

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

```
.border{ border-color:#9E59F3 }
```

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



Here you see how a box with a 4 pixel #9E59F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E59F3; -webkit-box-shadow:4px 4px  
4px 4px #9E59F3; box-shadow:4px 4px 4px  
4px #9E59F3 }
```

Background

The CSS property to change the background color of an element to Hex 9E59F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E59F3 }
```

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

```
.background{ background-color:#9E59F3 }
```

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