

Converting Colors

Hex(9829EF)

Have a look what the booklet for
Hex(9829EF) contains.

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Color

Hex(9829EF)

Conversions

Conversions Part 1

Format	Color
Hex	9829EF
RGB	152, 41, 239
RGB Percent	60%, 16%, 94%
CMY	0.4039, 0.8392, 0.0627
CMYK	0.36, 0.83, 0.00, 0.06
HSL	274°, 86%, 55%
HSV	274°, 83%, 94%
XYZ	29.3218, 14.4933, 82.9134
YIQ	96.7610, 2.5980, 85.1100

Conversions

Conversions Part 2

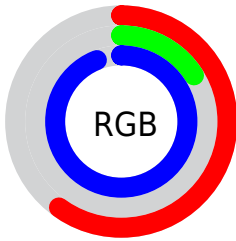
Format	Color
R _Y B	152, 41, 239
Decimal	9972207
CIE _{Lab}	44.93, 75.21, -77.58
CIE _{LCh}	45, 108.051, 314.111
Y _{xy}	14.4933, 0.2314, 0.1144
Android (android.graphics.Color)	4288162287 (0xFF9829EF)
YUV	96.7610, 70.1238, 48.4446
Hunter-Lab	38.0700, 70.8595, -102.4797

Details

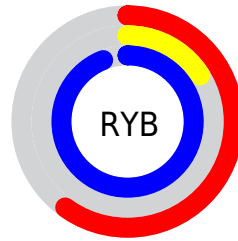
The Hex color **9829EF** is a dark color, and the **websafe** version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **80EF29**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **D566FF**, and **5B00B6** is the 20% darker color. If you saturate the color by 10%, you get **8D11EF**, and if you desaturate by 10%, it is **A341EF**.

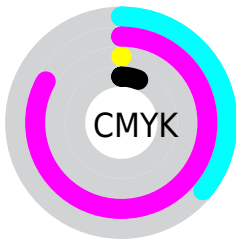
Distribution



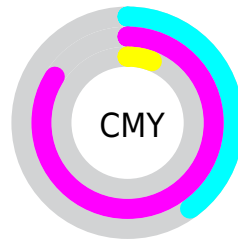
- Red (60%)
- Green (16%)
- Blue (94%)



- Red (60%)
- Yellow (16%)
- Blue (94%)



- Cyan (36%)
- Magenta (83%)
- Yellow (0%)
- Black (6%)



- Cyan (40%)
- Magenta (84%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9829EF 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 9829EF by changing the saturation by 10% instead.

9829EF
B649FF
D566FF
F383FF
FF9FFF
FFBCFF
FFD9FF
FFF7FF
FFFFFF

9829EF
7A00D2
5B00B6
3A009A
0B007F
000065
00014C
000434
00021E
000000

9829EF
8D11EF
8600EF

9829EF
A341EF
AD59EF
B871EF
C289EF
CDA0EF

 D7B8EF

 E2D0EF

 ECE8EF

 F7FFEF

Harmonies

Analogous

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



006BFF



9829EF



EA009E

Triad

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



9829EF



A85400



008A95

Complementary

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



9829EF



80EF29

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.



008834



9829EF



5A7400

Square

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



9829EF



E00000



008200



008BE9

Rectangle

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



9829EF



FB0063



008200



008A75

Sweetspot

The sweet spot groups the original color and five complimentary colors.



9829EF



E3BFFF



2982EF



6F5980



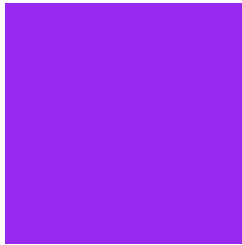
000000



808080

Previews

White Background



This preview shows how the Hex color 9829EF looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

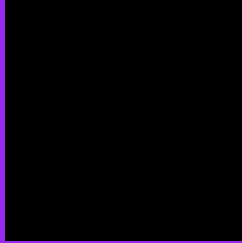
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 9829EF Background



This preview shows how black text looks on a background with the Hex color 9829EF.

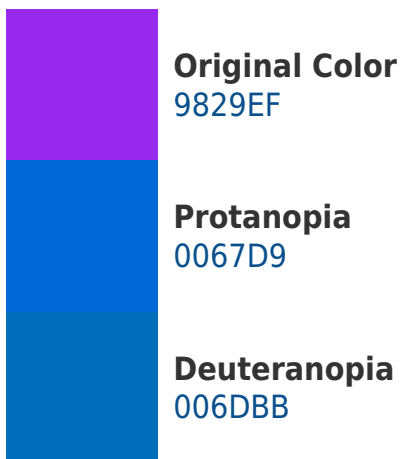


This preview shows how white text looks on a background with the Hex color 9829EF.

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](#).

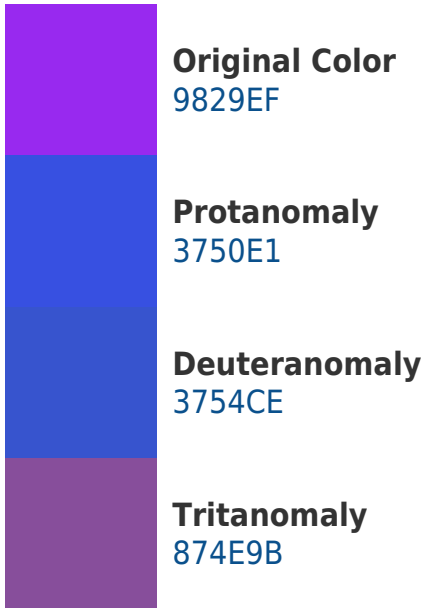
Dichromacy



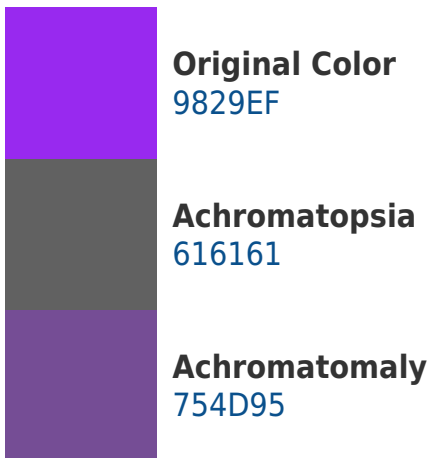


Tritanopia
7E636B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9829EF 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 #9829EF looks like.

```
.text, #text, p{  
    color:#9829EF  
}
```


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 #9829EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9829EF  
}
```

Border

The CSS property to change the border of an element to Hex 9829EF 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".

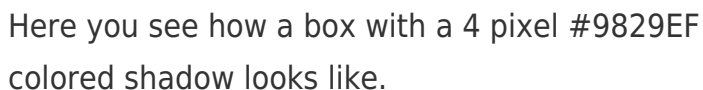
```
.border, #border, table{ border:4px solid  
#9829EF }
```

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

```
.border{ border-color:#9829EF }
```

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

Here you see how a box with a 4 pixel #9829EF colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9829EF; -webkit-box-shadow:4px 4px  
4px 4px #9829EF; box-shadow:4px 4px 4px  
4px #9829EF }
```

Background

The CSS property to change the background color of an element to Hex 9829EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9829EF }
```

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

```
.background{ background-color:#9829EF }
```

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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