

Converting Colors

Hex(9731FE)

Have a look what the booklet for
Hex(9731FE) contains.

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Color

Hex(9731FE)

Conversions

Conversions Part 1

Format	Color
Hex	9731FE
RGB	151, 49, 254
RGB Percent	59%, 19%, 100%
CMY	0.4078, 0.8078, 0.0039
CMYK	0.41, 0.81, 0.00, 0.00
HSL	270°, 99%, 59%
HSV	270°, 81%, 100%
XYZ	31.7502, 15.9317, 95.1676
YIQ	102.8680, -5.0130, 85.3790

Conversions

Conversions Part 2

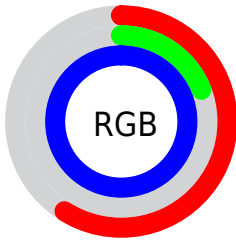
Format	Color
R_{YB}	151, 49, 254
Decimal	9908734
CIE _{Lab}	46.88, 75.87, -82.80
CIE _{LCh}	47, 112.306, 312.500
Yxy	15.9317, 0.2223, 0.1115
Android (android.graphics.Color)	4288098814 (0xFF9731FE)
YUV	102.8680, 74.5081, 42.2118
Hunter-Lab	39.9145, 72.1383, -113.4241

Details

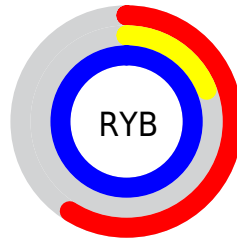
The Hex color **9731FE** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **98FE31**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **D46CFF**, and **5800C4** is the 20% darker color. If you saturate the color by 10%, you get **8A18FE**, and if you desaturate by 10%, it is **A44AFE**.

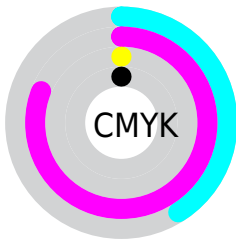
Distribution



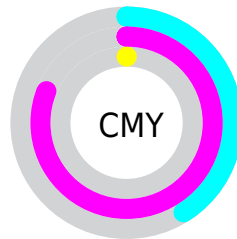
- Red (59%)
- Green (19%)
- Blue (100%)



- Red (59%)
- Yellow (19%)
- Blue (100%)



- Cyan (41%)
- Magenta (81%)
- Yellow (0%)
- Black (0%)



- Cyan (41%)
- Magenta (81%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9731FE 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 9731FE by changing the saturation by 10% instead.

 9731FE

 9731FE

FFFFFF

 7803E1

 D46CFF

 5800C4

 F389FF

 3400A8

 FFA5FF

 00008C


 FFC2FF


 000072

 FFDFFF

 000058

 FFFDFF

 00073F

 000329

 000112

 9731FE

 9731FE

 8A18FE

 A44AFE

 7E00FE

 B164FE

 BD7DFE

 CA97FE

 D7B0FE

 E4C9FE

 F0E3FE

 FDFCFE

FFFFFFE

Harmonies

Analogous

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



0072FF



9731FE



F300AA

Triad

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



9731FE



B35500



009196

Complementary

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



9731FE



98FE31

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.



008E30



9731FE



637800

Square

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



9731FE



ED0000



008700



0091F0

Rectangle

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



9731FE



FF006C



008700



009075

Sweetspot

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



9731FE



E0C2FF



319BFE



6D5B80



000000



808080

Same Dimension

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



9731FE



8308FF



FB31FE



797380



5F00BF



200040

Inverse Universe

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



FE3198



FF0884



34FE31



807379



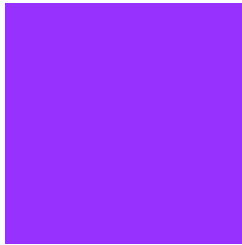
BF0060



400020

Previews

White Background



This preview shows how the Hex color 9731FE looks on a white background.

Color Contrast Check

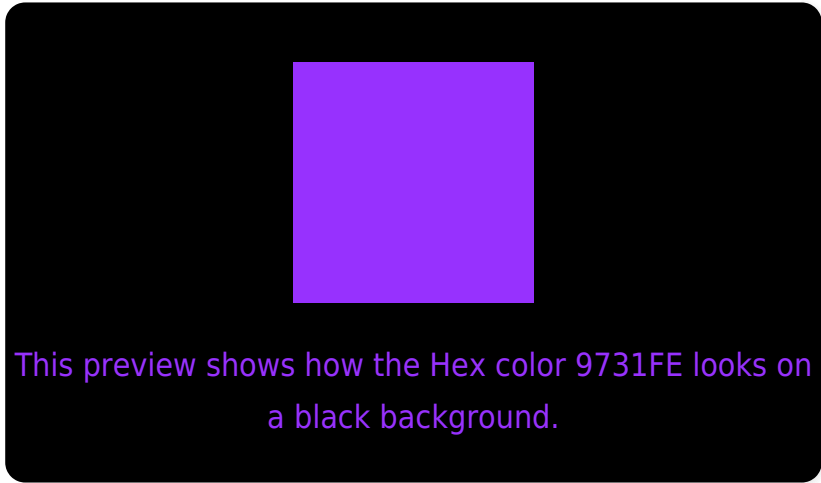
Large Text (above 18pt) WCAG AA ✓ Pass

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

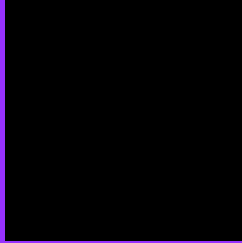
Any Text WCAG AA × Fail

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 9731FE Background



This preview shows how black text looks on a background with the Hex color 9731FE.

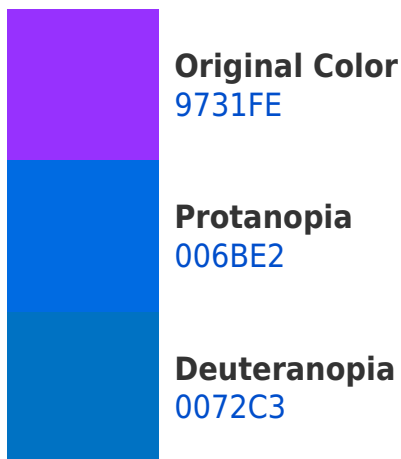



This preview shows how white text looks on a background with the Hex color 9731FE.

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](#).

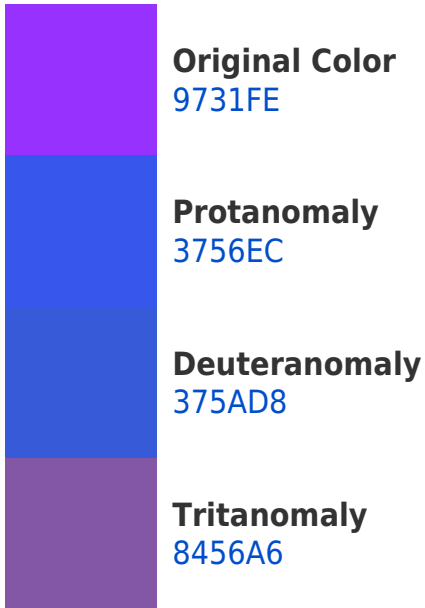
Dichromacy



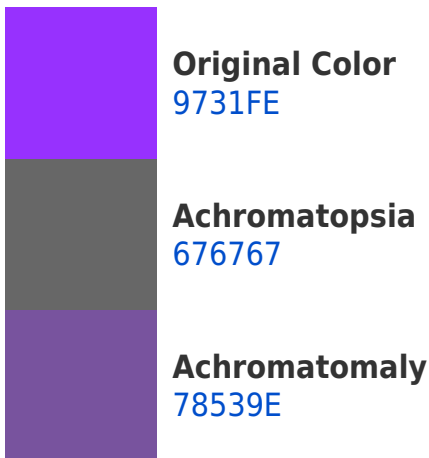


Tritanopia
796B73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9731FE 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 #9731FE looks like.

```
.text, #text, p{  
    color:#9731FE  
}
```

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 #9731FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9731FE
}
```

Border

The CSS property to change the border of an element to Hex 9731FE is called "border". The border property can be set on classes, ids or directly on the HTML element.

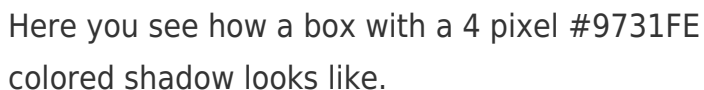
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9731FE }
```

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

```
.border{ border-color:#9731FE }
```

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



Here you see how a box with a 4 pixel #9731FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9731FE; -webkit-box-shadow:4px 4px  
4px 4px #9731FE; box-shadow:4px 4px 4px  
4px #9731FE }
```

Background

The CSS property to change the background color of an element to Hex 9731FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9731FE }
```

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

```
.background{ background-color:#9731FE }
```

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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