

Converting Colors

Hex(9731E2)

Have a look what the booklet for
Hex(9731E2) contains.

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Color

Hex(9731E2)

Conversions

Conversions Part 1

Format	Color
Hex	9731E2
RGB	151, 49, 226
RGB Percent	59%, 19%, 89%
CMY	0.4078, 0.8078, 0.1137
CMYK	0.33, 0.78, 0.00, 0.11
HSL	275°, 75%, 54%
HSV	275°, 78%, 89%
XYZ	27.5883, 14.2669, 73.2512
YIQ	99.6760, 3.9750, 76.6710

Conversions

Conversions Part 2

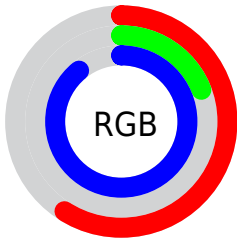
Format	Color
R_{YB}	151, 49, 226
Decimal	9908706
CIE _{Lab}	44.61, 69.79, -70.74
CIE _{LCh}	45, 99.372, 314.612
Yxy	14.2669, 0.2397, 0.1239
Android (android.graphics.Color)	4288098786 (0xFF9731E2)
YUV	99.6760, 62.2777, 45.0111
Hunter-Lab	37.7716, 64.2757, -88.5423

Details

The Hex color **9731E2** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **7CE231**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **D36BFF**, and **5C00A9** is the 20% darker color. If you saturate the color by 10%, you get **8D1AE2**, and if you desaturate by 10%, it is **A148E2**.

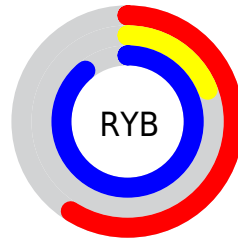
Distribution



Red (59%)

Green (19%)

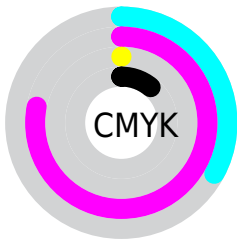
Blue (89%)



Red (59%)

Yellow (19%)

Blue (89%)

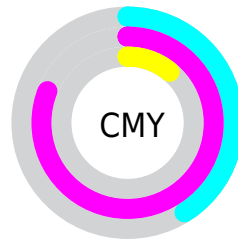


Cyan (33%)

Magenta (78%)

Yellow (0%)

Black (11%)



Cyan (41%)

Magenta (81%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9731E2 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 9731E2 by changing the saturation by 10% instead.

 9731E2

 9731E2

FFFFFF

 7A07C5

 D36BFF

 5C00A9

 F187FF

 3D008E

 FFA3FF

 180074

 FFC0FF

 00005A

 FFDDFF

 000441

 FFFAFF

 00032A

 000114

 000000

■ 9731E2

■ 9731E2

■ 8D1AE2

■ A148E2

■ 8404E2

■ AA5EE2

■ 8200E2

■ B475E2

■ BD8BE2

■ C7A2E2

■ D0B9E2

■ DACFE2

■ E4E6E2

■ EDFCE2

Harmonies

Analogous

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



0069FF



9731E2



E10098

Triad

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



9731E2



A35600



008892

Complementary

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



9731E2



7CE231

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.



008639



9731E2



5B7300

Square

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



9731E2



D70000



008000



0088DF

Rectangle

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



9731E2



F00061



008000



008775

Sweetspot

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



9731E2



E6C4FF



317EE2



705C80



000000



808080

Same Dimension

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



9731E2



990FFF



E231D6



6B6570



6500B0



1C0030

Inverse Universe

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



E2317C



FF0F75



31E23D



70656A



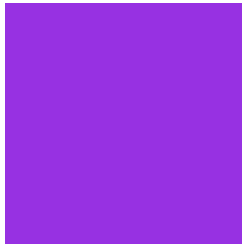
B0004B



300015

Previews

White Background



This preview shows how the Hex color 9731E2 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 9731E2 Background



This preview shows how black text looks on a background with the Hex color 9731E2.

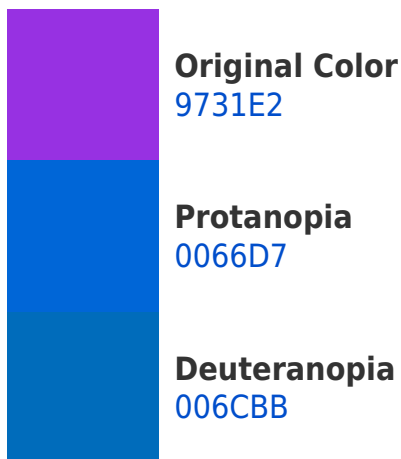


This preview shows how white text looks on a background with the Hex color 9731E2.

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](#).

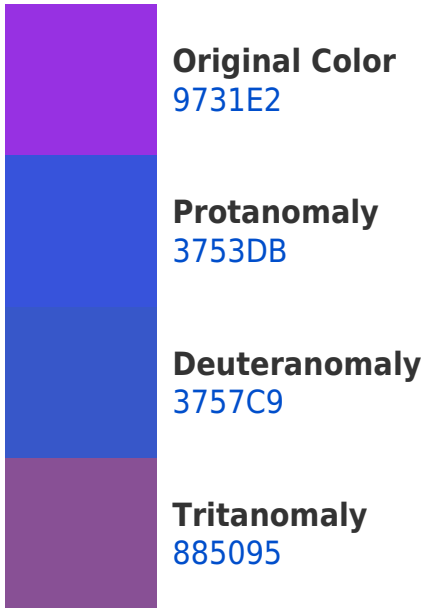
Dichromacy



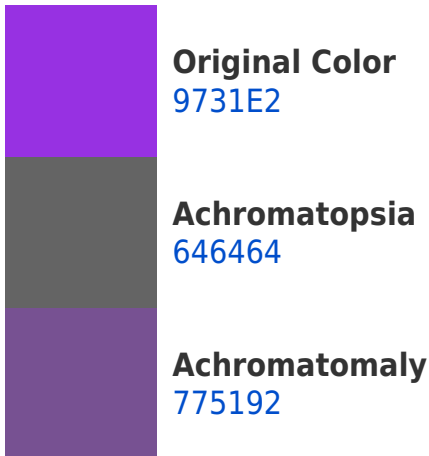


Tritanopia
806169

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9731E2 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 #9731E2 looks like.

```
.text, #text, p{  
  color:#9731E2  
}
```

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 #9731E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9731E2
}
```

Border

The CSS property to change the border of an element to Hex 9731E2 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".

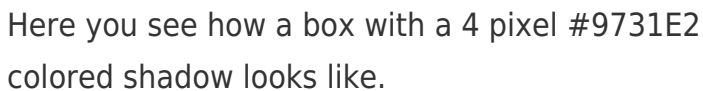
```
.border, #border, table{ border:4px solid
#9731E2 }
```

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

```
.border{ border-color:#9731E2 }
```

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

Here you see how a box with a 4 pixel #9731E2 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset in all directions from the box, with a color of #9731E2.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9731E2; -webkit-box-shadow:4px 4px  
4px 4px #9731E2; box-shadow:4px 4px 4px  
4px #9731E2 }
```

Background

The CSS property to change the background color of an element to Hex 9731E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9731E2 }
```

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

```
.background{ background-color:#9731E2 }
```

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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