

Converting Colors

Hex(9751E0)

Have a look what the booklet for
Hex(9751E0) contains.

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Color

Hex(9751E0)

Conversions

Conversions Part 1

Format	Color
Hex	9751E0
RGB	151, 81, 224
RGB Percent	59%, 32%, 88%
CMY	0.4078, 0.6824, 0.1216
CMYK	0.33, 0.64, 0.00, 0.12
HSL	269°, 70%, 60%
HSV	269°, 64%, 88%
XYZ	29.1595, 17.8460, 72.4288
YIQ	118.2320, -4.1830, 59.3130

Conversions

Conversions Part 2

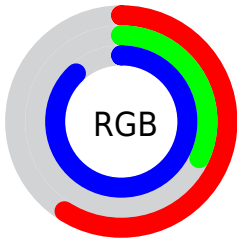
Format	Color
R_{YB}	151, 81, 224
Decimal	9916896
CIE _{Lab}	49.31, 55.72, -61.99
CIE _{LCh}	49, 83.349, 311.952
Yxy	17.8460, 0.2441, 0.1494
Android (android.graphics.Color)	4288106976 (0xFF9751E0)
YUV	118.2320, 52.1436, 28.7375
Hunter-Lab	42.2445, 49.2826, -72.0823

Details

The Hex color **9751E0** 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 **9AE051**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **D186FF**, and **5E1BA8** is the 20% darker color. If you saturate the color by 10%, you get **8C3BE0**, and if you desaturate by 10%, it is **A267E0**.

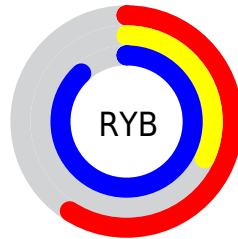
Distribution



Red (59%)

Green (32%)

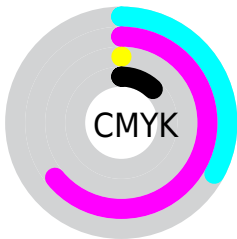
Blue (88%)



Red (59%)

Yellow (32%)

Blue (88%)

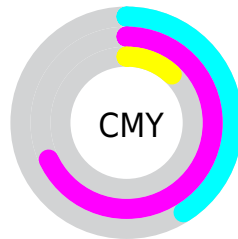


Cyan (33%)

Magenta (64%)

Yellow (0%)

Black (12%)



Cyan (41%)

Magenta (68%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9751E0 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 9751E0 by changing the saturation by 10% instead.

9751E0

9751E0

FFFFFF

7A37C4

D186FF

5E1BA8

EFA1FF

41008D

FFBDFE

200072

FFDAFF

000059

FFF7FF

000040

000329

000113

000000

9751E0

9751E0

8C3BE0

A267E0

8024E0

AE7EE0

750EE0

B994E0

6E00E0

C5ABE0

D0C1E0

DCD7E0

E7EEE0

F2FFE0

FEFFE0

Harmonies

Analogous

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



0076FF



9751E0



DA0DA3

Triad

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



9751E0



B16200



009291

Complementary

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



9751E0



9AE051

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.



009046



9751E0



757B00

Square

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



9751E0



DB3614



028900



0091D3

Rectangle

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



9751E0



EB0074



028900



009278

Sweetspot

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



9751E0



E6CFFF



519BE0



716280



000000



808080

Same Dimension

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



9751E0



9B3BFF



DE51E0



6A6570



5600B0



180030

Inverse Universe

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



E0519A



FF3B9F



53E051



70656B



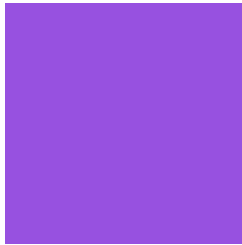
B0005A



300019

Previews

White Background



This preview shows how the Hex color 9751E0 looks on a white background.

Color Contrast Check

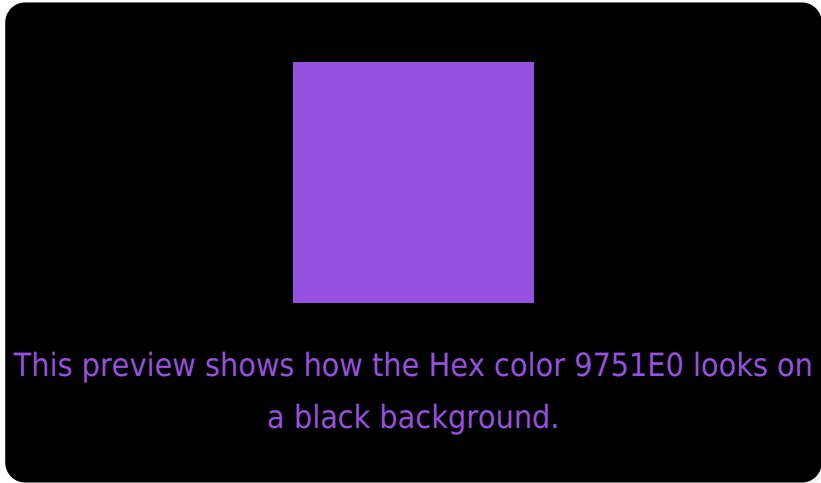
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 9751E0 Background



This preview shows how black text looks on a background with the Hex color 9751E0.



This preview shows how white text looks on a background with the Hex color 9751E0.

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
837079

Trichromacy



Original Color
9751E0



Protanomaly
3765EA



Deuteranomaly
376AD8



Tritanomaly
8A659E

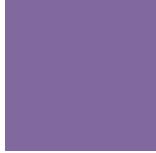
Monochromacy



Original Color
9751E0



Achromatopsia
767676



Achromatomaly
82699D

CSS Examples

Text

The CSS property to change the color of the text to Hex 9751E0 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 #9751E0 looks like.

```
.text, #text, p{  
    color:#9751E0  
}
```

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 #9751E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9751E0
}
```

Border

The CSS property to change the border of an element to Hex 9751E0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

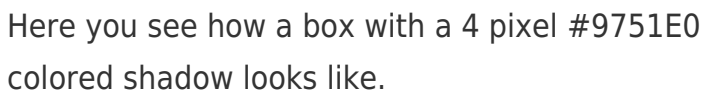
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9751E0 }
```

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

```
.border{ border-color:#9751E0 }
```

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



Here you see how a box with a 4 pixel #9751E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9751E0; -webkit-box-shadow:4px 4px  
4px 4px #9751E0; box-shadow:4px 4px 4px  
4px #9751E0 }
```

Background

The CSS property to change the background color of an element to Hex 9751E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9751E0 }
```

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

```
.background{ background-color:#9751E0 }
```

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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