

# Converting Colors

Hex(7969E7)

Have a look what the booklet for  
Hex(7969E7) contains.

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# Color

**Hex(7969E7)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 7969E7                      |
| RGB         | 121, 105, 231               |
| RGB Percent | 47%, 41%, 91%               |
| CMY         | 0.5255, 0.5882, 0.0941      |
| CMYK        | 0.48, 0.55, 0.00, 0.09      |
| HSL         | 248°, 72%, 66%              |
| HSV         | 248°, 55%, 91%              |
| XYZ         | 27.3605, 19.9376, 78.0076   |
| YIQ         | 124.1480, -30.9100, 42.5780 |

# Conversions

## Conversions Part 2

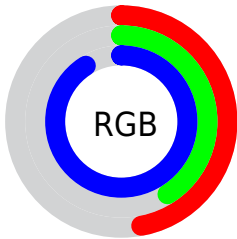
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 121, 105, 231                 |
| Decimal                             | 7956967                       |
| CIE Lab                             | 51.77, 38.04, -62.12          |
| CIE LCh                             | 52, 72.844, 301.483           |
| Yxy                                 | 19.9376, 0.2184,<br>0.1591    |
| Android<br>(android.graphics.Color) | 4286147047<br>(0xFF7969E7)    |
| YUV                                 | 124.1480, 52.6780,<br>-2.7608 |
| Hunter-Lab                          | 44.6516, 31.2368,<br>-72.3253 |

# Details

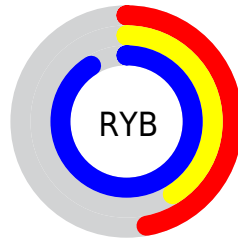
The Hex color **7969E7** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **D7E769**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **B39DFF**, and **3C39AE** is the 20% darker color. If you saturate the color by 10%, you get **6552E7**, and if you desaturate by 10%, it is **8D80E7**.

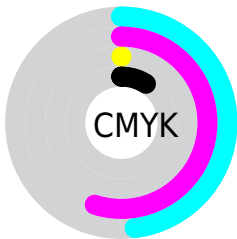
# Distribution



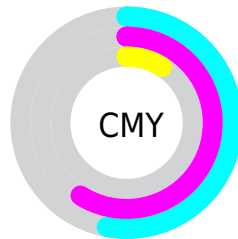
- Red (47%)
- Green (41%)
- Blue (91%)



- Red (47%)
- Yellow (41%)
- Blue (91%)



- Cyan (48%)
- Magenta (55%)
- Yellow (0%)
- Black (9%)



- Cyan (53%)
- Magenta (59%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7969E7 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 7969E7 by changing the saturation by 10% instead.



■ 7969E7

■ 7969E7

FFFFFF

■ 5C51CA

■ B39DFF

■ 3C39AE

■ D1B8FF

■ 142393

■ EFD4FF

■ 000E79

■ FFF0FF

■ 00005F

■ 000646

■ 00042F

■ 000119

■ 000000

 7969E7

 7969E7

 6552E7

 8D80E7

 513BE7

 A197E7

 3C24E7

 B5AEE7

 280DE7

 CAC5E7

 1D00E7

 DEDCE7

 F2F4E7

 FFFFE7

# Harmonies

## Analogous

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



0083F9



7969E7



C746B8

# Triad

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



7969E7



C36000



00967D

# Complementary

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



7969E7



D7E769

# 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.



00933B



7969E7



937A00

# Square

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



7969E7



E13F3E



538A00



0096BB

# Rectangle

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



7969E7



E03090



538A00



009567



# Sweetspot

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



7969E7



DBD6FF



69D8E7



6A6780



000000



808080



# Same Dimension

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



7969E7



6E59FF



B769E7



696773



1700B3



060033



# Inverse Universe

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



E769D7



FF59EA



99E769



736771



B3009C

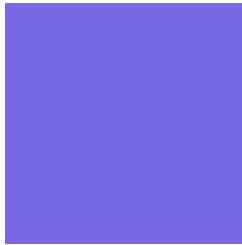


33002D



# Previews

## White Background



This preview shows how the Hex color 7969E7 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

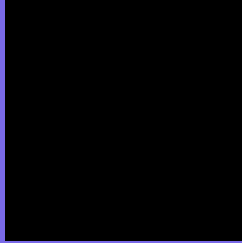
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7969E7 Background



This preview shows how black text looks on a background with the Hex color 7969E7.



This preview shows how white text looks on a background with the Hex color 7969E7.

# 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](#).

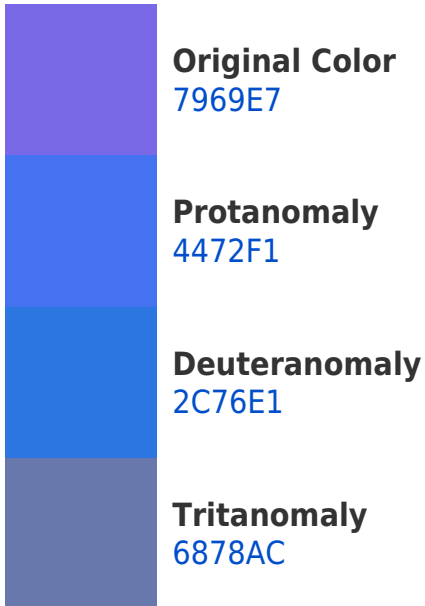
## Dichromacy





**Tritanopia**  
5F818B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7969E7 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 #7969E7 looks like.

```
.text, #text, p{  
    color:#7969E7  
}
```

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 #7969E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7969E7
}
```

## Border

The CSS property to change the border of an element to Hex 7969E7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

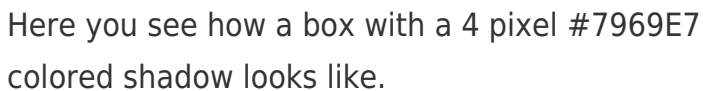
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7969E7 }
```

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

```
.border{ border-color:#7969E7 }
```

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



Here you see how a box with a 4 pixel #7969E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7969E7; -webkit-box-shadow:4px 4px  
4px 4px #7969E7; box-shadow:4px 4px 4px  
4px #7969E7 }
```

# Background

The CSS property to change the background color of an element to Hex 7969E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7969E7 }
```

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

```
.background{ background-color:#7969E7 }
```

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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