

# Converting Colors

Hex(7E88E7)

Have a look what the booklet for  
Hex(7E88E7) contains.

<b>Hex(7E88E7)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(7E88E7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7E88E7
RGB	126, 136, 231
RGB Percent	49%, 53%, 91%
CMY	0.5059, 0.4667, 0.0941
CMYK	0.45, 0.41, 0.00, 0.09
HSL	234°, 69%, 70%
HSV	234°, 45%, 91%
XYZ	31.8321, 27.8135, 79.2921
YIQ	143.8400, -36.4550, 27.4250

# Conversions

## Conversions Part 2

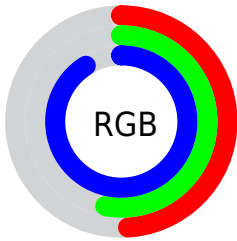
Format	Color
R <sub>Y</sub> B	126, 135, 231
Decimal	8292583
CIE <sub>Lab</sub>	59.72, 20.85, -49.39
CIE <sub>LCh</sub>	60, 53.605, 292.887
Y <sub>xy</sub>	27.8135, 0.2291, 0.2002
Android (android.graphics.Color)	4286482663 (0xFF7E88E7)
YUV	143.8400, 42.9699, -15.6457
Hunter-Lab	52.7385, 15.4476, -52.2254

# Details

The Hex color **7E88E7** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **E7DD7E**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **B7BDFF**, and **4557AF** is the 20% darker color. If you saturate the color by 10%, you get **6773E7**, and if you desaturate by 10%, it is **959DE7**.

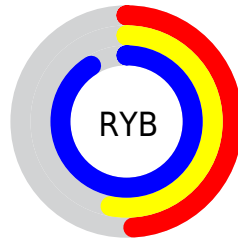
# Distribution



Red (49%)

Green (53%)

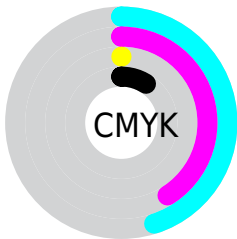
Blue (91%)



Red (49%)

Yellow (53%)

Blue (91%)

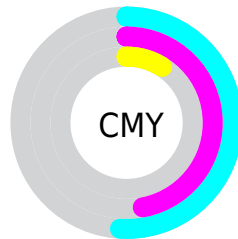


Cyan (45%)

Magenta (41%)

Yellow (0%)

Black (9%)



Cyan (51%)

Magenta (47%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E88E7 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 7E88E7 by changing the saturation by 10% instead.



 7E88E7

 7E88E7

FFFFFF

 626FCB

 B7BDFF

 4557AF

 D4D9FF

 244094

 F2F5FF

 002A79

 001660

 000048

 000430

 00011B

 000000

 7E88E7

 7E88E7

 6773E7

 959DE7

 505EE7

 ACB2E7

 3949E7

 C3C7E7

 2234E7

 DADCE7

 0A1FE7

 F2F1E7

 0016E7

 FFFFE7

# Harmonies

## Analogous

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



0098ED



7E88E7



BF74C9

# Triad

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



7E88E7



D57745



00A683

# Complementary

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



7E88E7



E7DD7E

# 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.



4BA254



7E88E7



B38A2C

# Square

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



7E88E7



E6686E



869832



00A7B3

# Rectangle

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



7E88E7



D86AAD



869832



00A572



# Sweetspot

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



7E88E7



DBDFFF



7EE7DC



6A6C80



000000



808080



# Same Dimension

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



7E88E7



7380FF



A87EE7



676873



0011B3



000533



# Inverse Universe

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



E77E88



FF7380



BDE77E



736768



B30011

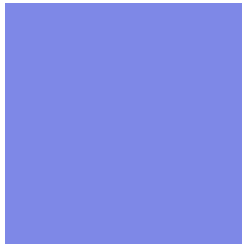


330005



# Previews

## White Background



This preview shows how the Hex color 7E88E7 looks on a white background.

## Color Contrast Check

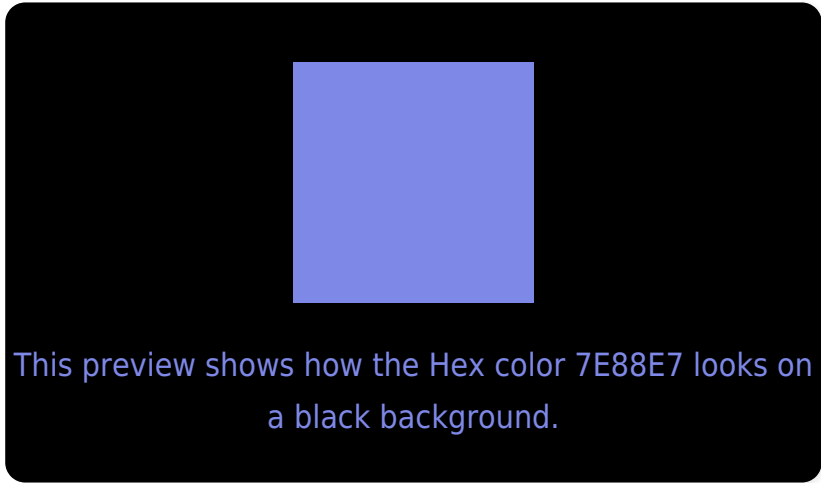
Large Text (above 18pt) WCAG AA ✓ Pass

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

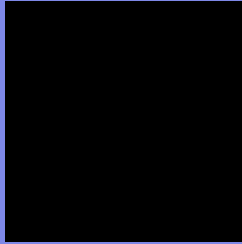
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7E88E7 Background



This preview shows how black text looks on a background with the Hex color 7E88E7.



This preview shows how white text looks on a background with the Hex color 7E88E7.

# 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](#).

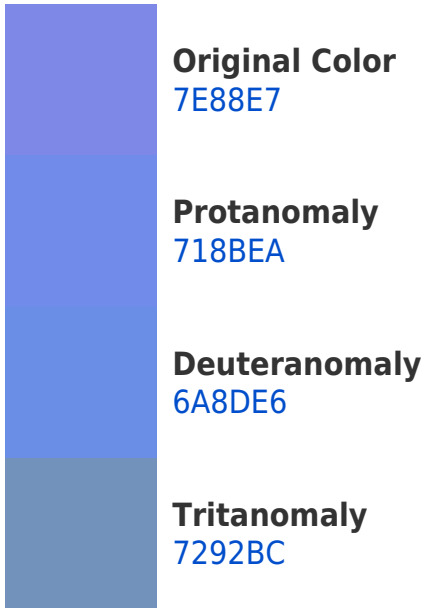
## Dichromacy





**Tritanopia**  
6B97A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E88E7 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 #7E88E7 looks like.

```
.text, #text, p{  
  color:#7E88E7  
}
```

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 #7E88E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E88E7
}
```

## Border

The CSS property to change the border of an element to Hex 7E88E7 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
#7E88E7 }
```

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

```
.border{ border-color:#7E88E7 }
```

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

Here you see how a box with a 4 pixel #7E88E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E88E7; -webkit-box-shadow:4px 4px  
4px 4px #7E88E7; box-shadow:4px 4px 4px  
4px #7E88E7 }
```

# Background

The CSS property to change the background color of an element to Hex 7E88E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E88E7 }
```

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

```
.background{ background-color:#7E88E7 }
```

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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