

Converting Colors

Hex(7E9BEA)

Have a look what the booklet for
Hex(7E9BEA) contains.

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Color

Hex(7E9BEA)

Conversions

Conversions Part 1

Format	Color
Hex	7E9BEA
RGB	126, 155, 234
RGB Percent	49%, 61%, 92%
CMY	0.5059, 0.3922, 0.0824
CMYK	0.46, 0.34, 0.00, 0.08
HSL	224°, 72%, 71%
HSV	224°, 46%, 92%
XYZ	35.1768, 33.8188, 82.5156
YIQ	155.3350, -42.6430, 18.4210

Conversions

Conversions Part 2

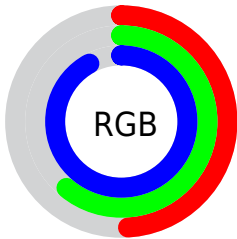
Format	Color
RYB	126, 149, 234
Decimal	8297450
CIELab	64.82, 10.63, -43.00
CIElCh	65, 44.295, 283.884
Yxy	33.8188, 0.2322, 0.2232
Android (android.graphics.Color)	4286487530 (0xFF7E9BEA)
YUV	155.3350, 38.7818, -25.7268
Hunter-Lab	58.1540, 6.2037, -43.4198

Details

The Hex color **7E9BEA** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **EACD7E**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **B7D1FF**, and **4568B2** is the 20% darker color. If you saturate the color by 10%, you get **678AEA**, and if you desaturate by 10%, it is **95ACEA**.

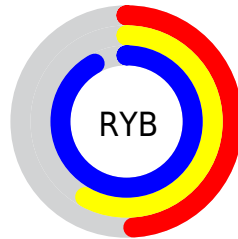
Distribution



Red (49%)

Green (61%)

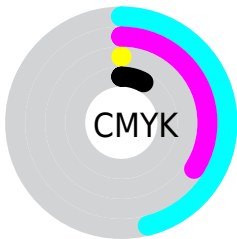
Blue (92%)



Red (49%)

Yellow (58%)

Blue (92%)

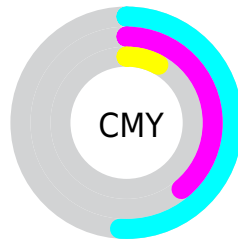


Cyan (46%)

Magenta (34%)

Yellow (0%)

Black (8%)



Cyan (51%)

Magenta (39%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7E9BEA 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 7E9BEA by changing the saturation by 10% instead.

■ 7E9BEA

■ 7E9BEA

FFFFFF

■ 6281CE

■ B7D1FF

■ 4568B2

■ D4EDFF

■ 245097

■ F1FFFF

■ 003A7D

■ 002563

■ 00104B

■ 000433

■ 00021D

■ 000000

■ 7E9BEA

■ 7E9BEA

■ 678AEA

■ 95ACEA

■ 4F79EA

■ ADBDEA

■ 3868EA

■ C4CEEA

■ 2057EA

■ DCDFEA

■ 0945EA

■ F3F1EA

■ 003FEA

■ FFFFEA

Harmonies

Analogous

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



14A7E9



7E9BEA



B88CD7

Triad

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



7E9BEA



E08568



3CB086

Complementary

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



7E9BEA



EACD7E

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.



77AB62



7E9BEA



C89351

Square

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



7E9BEA



E97D8C



A3A14E



00B2AF

Rectangle

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



7E9BEA



D383C1



A3A14E



53AF79

Sweetspot

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



7E9BEA



DBE5FF



7EEACB



6A7080



000000



808080

Same Dimension

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



7E9BEA



7398FF



957EEA



6A6D75



0031B5



000E36

Inverse Universe

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



EA7E9B



FF7398



D3EA7E



756A6D



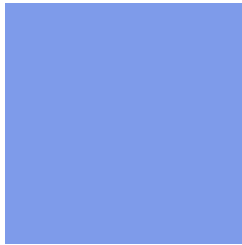
B50031



36000E

Previews

White Background



This preview shows how the Hex color 7E9BEA looks on a white background.

Color Contrast Check

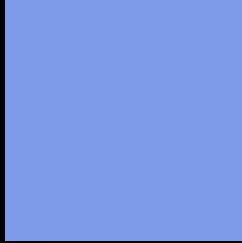
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 7E9BEA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

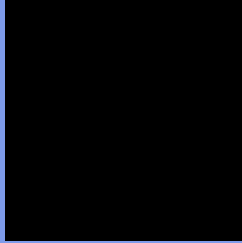
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 7E9BEA Background



This preview shows how black text looks on a background with the Hex color 7E9BEA.



This preview shows how white text looks on a background with the Hex color 7E9BEA.

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



Original Color
7E9BEA

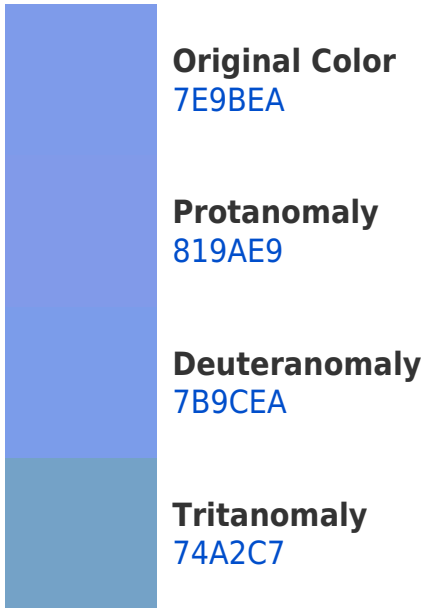
Protanopia
829AE9

Deuteranopia
7A9CEA



Tritanopia
6EA6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7E9BEA 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 #7E9BEA looks like.

```
.text, #text, p{  
    color:#7E9BEA  
}
```

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 #7E9BEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E9BEA
}
```

Border

The CSS property to change the border of an element to Hex 7E9BEA 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
#7E9BEA }
```

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

```
.border{ border-color:#7E9BEA }
```

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

Here you see how a box with a 4 pixel #7E9BEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E9BEA; -webkit-box-shadow:4px 4px  
4px 4px #7E9BEA; box-shadow:4px 4px 4px  
4px #7E9BEA }
```

Background

The CSS property to change the background color of an element to Hex 7E9BEA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E9BEA }
```

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

```
.background{ background-color:#7E9BEA }
```

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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