

Converting Colors

Hex(7F9EE9)

Have a look what the booklet for
Hex(7F9EE9) contains.

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Color

Hex(7F9EE9)

Conversions

Conversions Part 1

Format	Color
Hex	7F9EE9
RGB	127, 158, 233
RGB Percent	50%, 62%, 91%
CMY	0.5020, 0.3804, 0.0863
CMYK	0.45, 0.32, 0.00, 0.09
HSL	222°, 71%, 71%
HSV	222°, 45%, 91%
XYZ	35.6872, 34.8489, 81.9364
YIQ	157.2810, -42.5510, 16.7530

Conversions

Conversions Part 2

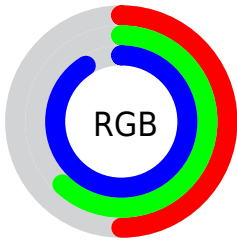
Format	Color
RYB	127, 151, 233
Decimal	8363753
CIELab	65.63, 8.86, -41.17
CIELCh	66, 42.114, 282.138
Yxy	34.8489, 0.2341, 0.2286
Android (android.graphics.Color)	4286553833 (0xFF7F9EE9)
YUV	157.2810, 37.3295, -26.5564
Hunter-Lab	59.0330, 4.6009, -40.9700

Details

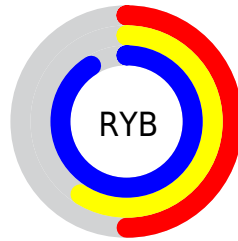
The Hex color **7F9EE9** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E9CA7F**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **B8D4FF**, and **466BB1** is the 20% darker color. If you saturate the color by 10%, you get **688EE9**, and if you desaturate by 10%, it is **96AEE9**.

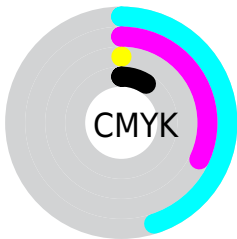
Distribution



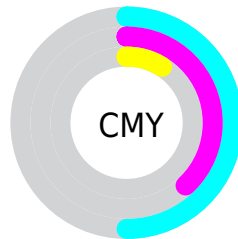
- Red (50%)
- Green (62%)
- Blue (91%)



- Red (50%)
- Yellow (59%)
- Blue (91%)



- Cyan (45%)
- Magenta (32%)
- Yellow (0%)
- Black (9%)



- Cyan (50%)
- Magenta (38%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F9EE9 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 7F9EE9 by changing the saturation by 10% instead.

■ 7F9EE9

■ 7F9EE9

FFFFFF

■ 6384CD

■ B8D4FF

■ 466BB1

■ D5F1FF

■ 275396

■ F2FFFF

■ 003C7C

■ 002762

■ 00134A

■ 000433

■ 00021D

■ 000000

 7F9EE9

 7F9EE9

 688EE9

 96AEE9

 507DE9

 AEBFE9

 396DE9

 C5CFE9

 225CE9

 DCE0E9

 0B4CE9

 F4F0E9

 0044E9

 FFFFE9

Harmonies

Analogous

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



29AAE7



7F9EE9



B790D8

Triad

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



7F9EE9



E1886F



4AB187

Complementary

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



7F9EE9



E9CA7F

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.



7EAC66



7F9EE9



CA9557

Square

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



7F9EE9



E88191



A8A254



00B3AE

Rectangle

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



7F9EE9



D187C3



A8A254



5EB07B

Sweetspot

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



7F9EE9



DBE6FF



7FE9C9



6A7080



000000



808080

Same Dimension

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



7F9EE9



739CFF



947FE9



6A6D75



0035B5



001036

Inverse Universe

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



E97F9E



FF739C



D4E97F



756A6D



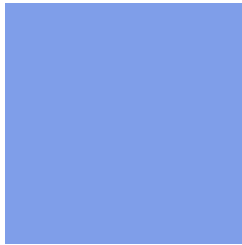
B50035



360010

Previews

White Background



This preview shows how the Hex color 7F9EE9 looks on a white background.

Color Contrast Check

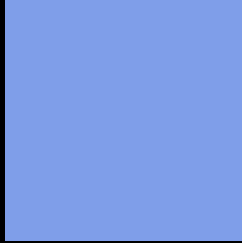
Large Text (above 18pt) WCAG AA × Fail

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 7F9EE9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

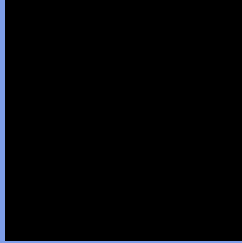
Any Text WCAG AA ✓ Pass

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 7F9EE9 Background



This preview shows how black text looks on a background with the Hex color 7F9EE9.



This preview shows how white text looks on a background with the Hex color 7F9EE9.

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](#).

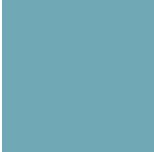
Dichromacy



Original Color
7F9EE9

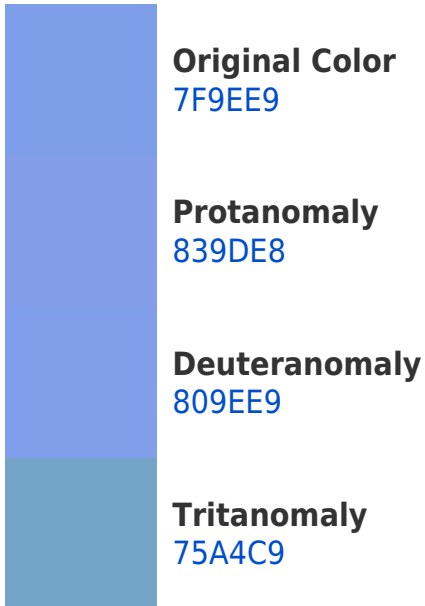
Protanopia
869CE8

Deuteranopia
809EE9

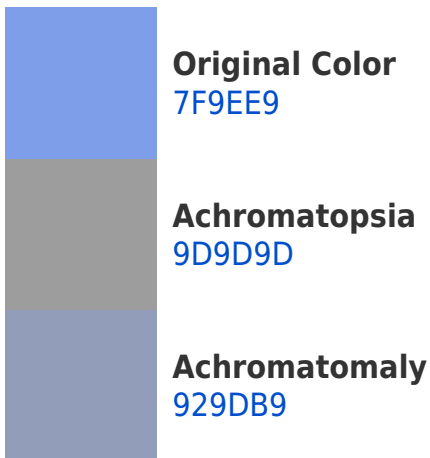


Tritanopia
70A8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7F9EE9 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 #7F9EE9 looks like.

```
.text, #text, p{  
    color:#7F9EE9  
}
```

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 #7F9EE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F9EE9
}
```

Border

The CSS property to change the border of an element to Hex 7F9EE9 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
#7F9EE9 }
```

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

```
.border{ border-color:#7F9EE9 }
```

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

Here you see how a box with a 4 pixel #7F9EE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F9EE9; -webkit-box-shadow:4px 4px  
4px 4px #7F9EE9; box-shadow:4px 4px 4px  
4px #7F9EE9 }
```

Background

The CSS property to change the background color of an element to Hex 7F9EE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F9EE9 }
```

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

```
.background{ background-color:#7F9EE9 }
```

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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