

Converting Colors

Hex(7F9EE1)

Have a look what the booklet for
Hex(7F9EE1) contains.

Hex(7F9EE1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7F9EE1)

Conversions

Conversions Part 1

Format	Color
Hex	7F9EE1
RGB	127, 158, 225
RGB Percent	50%, 62%, 88%
CMY	0.5020, 0.3804, 0.1176
CMYK	0.44, 0.30, 0.00, 0.12
HSL	221°, 62%, 69%
HSV	221°, 44%, 88%
XYZ	34.5699, 34.4020, 76.0524
YIQ	156.3690, -39.9830, 14.2650

Conversions

Conversions Part 2

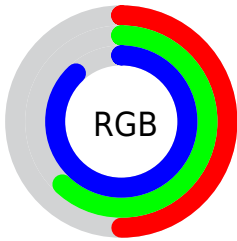
Format	Color
RYB	127, 151, 225
Decimal	8363745
CIELab	65.28, 6.56, -37.31
CIElCh	65, 37.886, 279.973
Yxy	34.4020, 0.2384, 0.2372
Android (android.graphics.Color)	4286553825 (0xFF7F9EE1)
YUV	156.3690, 33.8351, -25.7566
Hunter-Lab	58.6532, 2.5638, -35.8208

Details

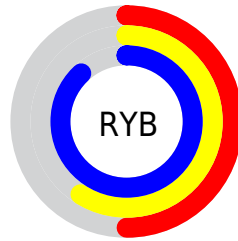
The Hex color **7F9EE1** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **E1C27F**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **B7D4FF**, and **476BA9** is the 20% darker color. If you saturate the color by 10%, you get **698FE1**, and if you desaturate by 10%, it is **96ADE1**.

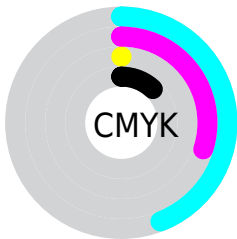
Distribution



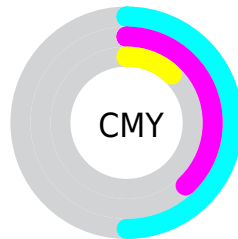
- Red (50%)
- Green (62%)
- Blue (88%)



- Red (50%)
- Yellow (59%)
- Blue (88%)



- Cyan (44%)
- Magenta (30%)
- Yellow (0%)
- Black (12%)



- Cyan (50%)
- Magenta (38%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F9EE1 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 7F9EE1 by changing the saturation by 10% instead.

 7F9EE1

 7F9EE1

FFFFFF

 6384C5

 B7D4FF

 476BA9

 D4F1FF

 2A538F

 F1FFFF

 003C75

 00275C

 001344

 00032D

 000117

 000000

 7F9EE1

 7F9EE1

 698FE1

 96ADE1

 527FE1

 ACBDE1

 3C70E1

 C3CCE1

 2560E1

 D9DCE1

 0F51E1

 FOEBE1

 0047E1

 FFFAE1

 FFFFE1

Harmonies

Analogous

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



3FA8DE



7F9EE1



B191D3

Triad

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



7F9EE1



DB8975



59AF86

Complementary

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



7F9EE1



E1C27F

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.



84A969



7F9EE1



C8955F

Square

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



7F9EE1



E08494



A9A05B



1EB1A9

Rectangle

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



7F9EE1



C98AC1



A9A05B



68AD7B

Sweetspot

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



7F9EE1



DEE8FF



7FE1C2



6B7280



000000



808080

Same Dimension

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



7F9EE1



7AA4FF



917FE1



656970



0038B0



000F30

Inverse Universe

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



E17F9E



FF7AA4



CFE17F



706569



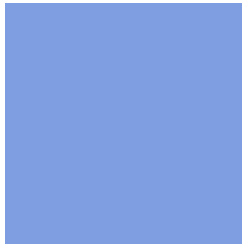
B00038



30000F

Previews

White Background



This preview shows how the Hex color 7F9EE1 looks on a white background.

Color Contrast Check

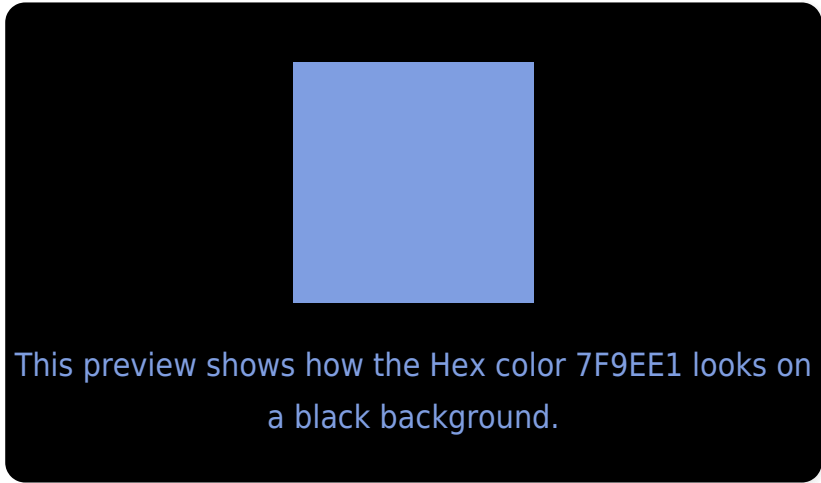
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

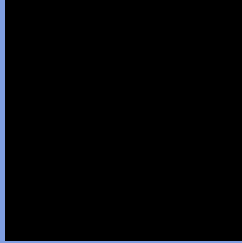
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

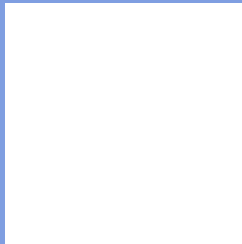
Any Text WCAG AAA ✓ Pass

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

Hex 7F9EE1 Background



This preview shows how black text looks on a background with the Hex color 7F9EE1.



This preview shows how white text looks on a background with the Hex color 7F9EE1.

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](#).

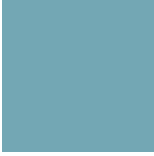
Dichromacy



Original Color
7F9EE1

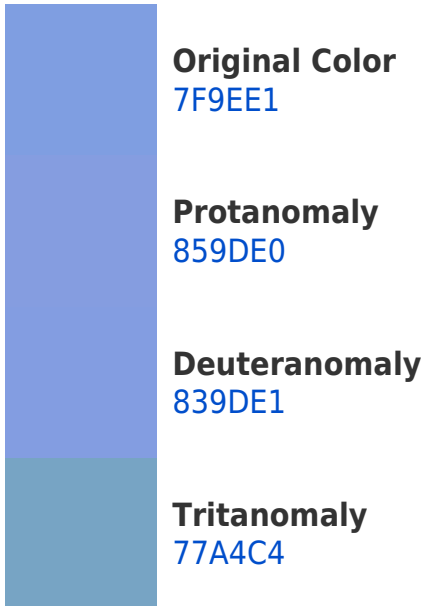
Protanopia
899CDF

Deuteranopia
859DE1

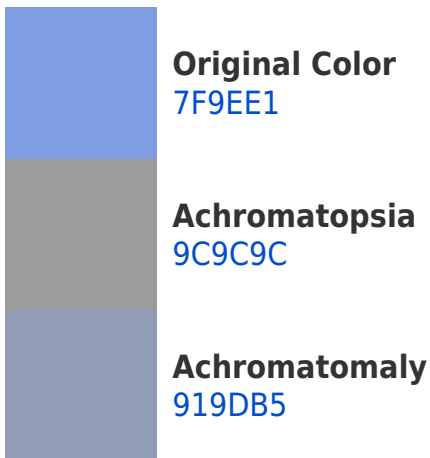


Tritanopia
73A7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7F9EE1 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 #7F9EE1 looks like.

```
.text, #text, p{  
    color:#7F9EE1  
}
```

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 #7F9EE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F9EE1  
}
```

Border

The CSS property to change the border of an element to Hex 7F9EE1 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  
#7F9EE1 }
```

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

```
.border{ border-color:#7F9EE1 }
```

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

Here you see how a box with a 4 pixel #7F9EE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F9EE1; -webkit-box-shadow:4px 4px  
4px 4px #7F9EE1; box-shadow:4px 4px 4px  
4px #7F9EE1 }
```

Background

The CSS property to change the background color of an element to Hex 7F9EE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F9EE1 }
```

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

```
.background{ background-color:#7F9EE1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor