

Converting Colors

Hex(7F9AE1)

Have a look what the booklet for
Hex(7F9AE1) contains.

Hex(7F9AE1)	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(7F9AE1)

Conversions

Conversions Part 1

Format	Color
Hex	7F9AE1
RGB	127, 154, 225
RGB Percent	50%, 60%, 88%
CMY	0.5020, 0.3961, 0.1176
CMYK	0.44, 0.32, 0.00, 0.12
HSL	223°, 62%, 69%
HSV	223°, 44%, 88%
XYZ	33.8986, 33.0595, 75.8286
YIQ	154.0210, -38.8830, 16.3570

Conversions

Conversions Part 2

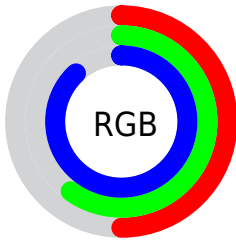
Format	Color
RYB	127, 148, 225
Decimal	8362721
CIELab	64.21, 8.85, -38.99
CIELCh	64, 39.979, 282.796
Yxy	33.0595, 0.2374, 0.2315
Android (android.graphics.Color)	4286552801 (0xFF7F9AE1)
YUV	154.0210, 34.9926, -23.6974
Hunter-Lab	57.4974, 4.6175, -37.9446

Details

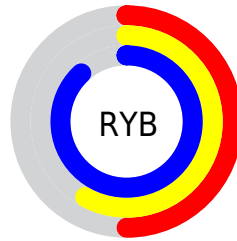
The Hex color **7F9AE1** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E1C67F**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **B7D0FF**, and **4767A9** is the 20% darker color. If you saturate the color by 10%, you get **698AE1**, and if you desaturate by 10%, it is **96AAE1**.

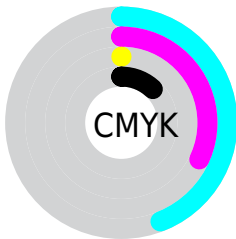
Distribution



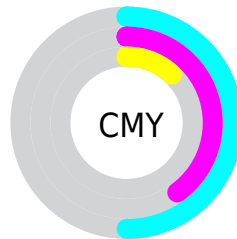
- Red (50%)
- Green (60%)
- Blue (88%)



- Red (50%)
- Yellow (58%)
- Blue (88%)



- Cyan (44%)
- Magenta (32%)
- Yellow (0%)
- Black (12%)



- Cyan (50%)
- Magenta (40%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F9AE1 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 7F9AE1 by changing the saturation by 10% instead.

■ 7F9AE1

■ 7F9AE1

FFFFFF

■ 6380C5

■ B7D0FF

■ 4767A9

■ D4ECFF

■ 2A4F8F

■ F1FFFF

■ 003975

■ 00245C

■ 000F44

■ 00032D

■ 000117

■ 000000

 7F9AE1

 7F9AE1

 698AE1

 96AAE1

 5279E1

 ACBBE1

 3C69E1

 C3CBE1

 2559E1

 D9DBE1

 0F48E1

 F0ECE1

 003EE1

 FFFCE1

 FFFFE1

Harmonies

Analogous

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



35A5DF



7F9AE1



B38DD0

Triad

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



7F9AE1



DA866D



4BAD85

Complementary

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



7F9AE1



E1C67F

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.



7CA866



7F9AE1



C49257

Square

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



7F9AE1



E07F8E



A39E54



00AEAA

Rectangle

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



7F9AE1



CB85BD



A39E54



5DAC7A

Sweetspot

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



7F9AE1



DEE7FF



7FE1C5



6B7180



000000



808080

Same Dimension

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



7F9AE1



7A9FFF



947FE1



656870



0030B0



000D30

Inverse Universe

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



E17F9A



FF7A9F



CCE17F



706568



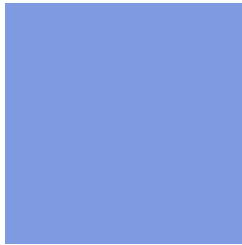
B00030



30000D

Previews

White Background



This preview shows how the Hex color 7F9AE1 looks on a white background.

Color Contrast Check

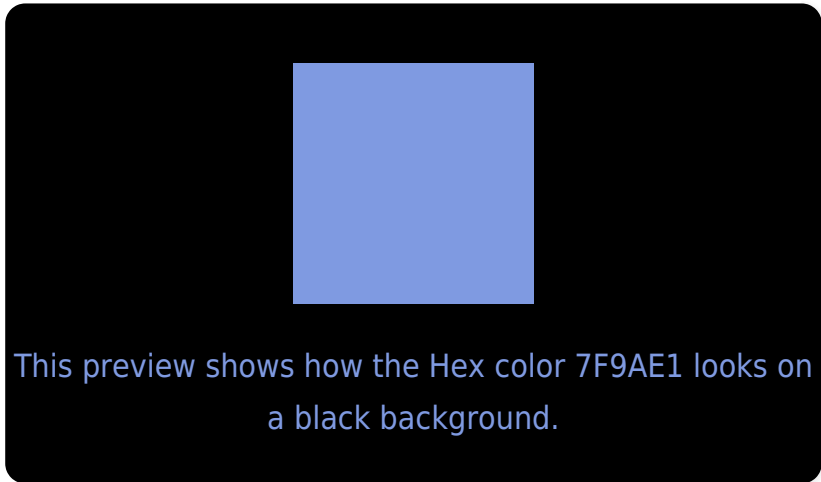
Large Text (above 18pt) WCAG AA × Fail

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

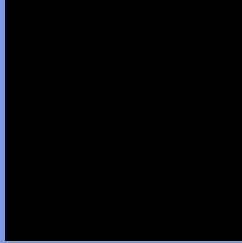
Any Text WCAG AA ✓ Pass

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 7F9AE1 Background



This preview shows how black text looks on a background with the Hex color 7F9AE1.

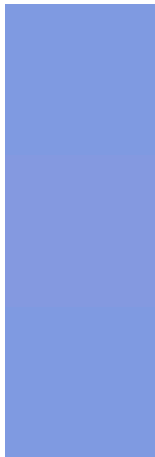


This preview shows how white text looks on a background with the Hex color 7F9AE1.

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
7F9AE1

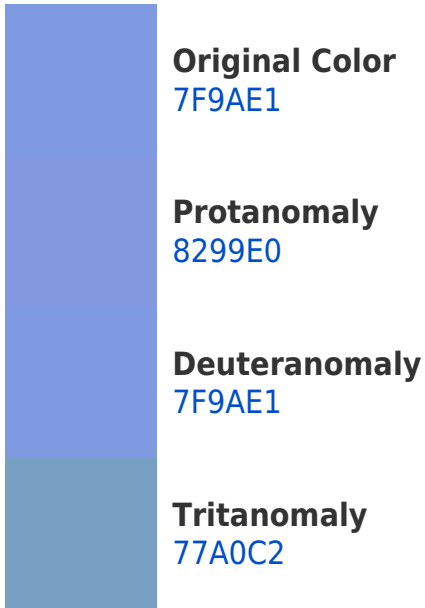
Protanopia
8499E0

Deuteranopia
7F9AE1

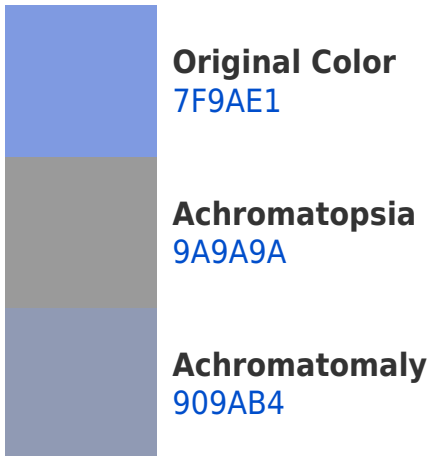


Tritanopia
72A3B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7F9AE1 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 #7F9AE1 looks like.

```
.text, #text, p{  
    color:#7F9AE1  
}
```

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 #7F9AE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F9AE1  
}
```

Border

The CSS property to change the border of an element to Hex 7F9AE1 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  
#7F9AE1 }
```

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

```
.border{ border-color:#7F9AE1 }
```

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

Here you see how a box with a 4 pixel #7F9AE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F9AE1; -webkit-box-shadow:4px 4px  
4px 4px #7F9AE1; box-shadow:4px 4px 4px  
4px #7F9AE1 }
```

Background

The CSS property to change the background color of an element to Hex 7F9AE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F9AE1 }
```

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

```
.background{ background-color:#7F9AE1 }
```

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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