

Converting Colors

Hex(7E9AE3)

Have a look what the booklet for
Hex(7E9AE3) contains.

Hex(7E9AE3)	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(7E9AE3)

Conversions

Conversions Part 1

Format	Color
Hex	7E9AE3
RGB	126, 154, 227
RGB Percent	49%, 60%, 89%
CMY	0.5059, 0.3961, 0.1098
CMYK	0.44, 0.32, 0.00, 0.11
HSL	223°, 64%, 69%
HSV	223°, 44%, 89%
XYZ	34.0249, 33.0929, 77.2673
YIQ	153.9500, -40.1210, 16.7670

Conversions

Conversions Part 2

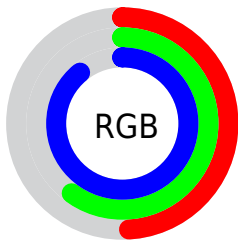
Format	Color
R _Y B	126, 148, 227
Decimal	8297187
CIE Lab	64.24, 9.18, -40.05
CIE LCh	64, 41.092, 282.906
Yxy	33.0929, 0.2357, 0.2292
Android (android.graphics.Color)	4286487267 (0xFF7E9AE3)
YUV	153.9500, 36.0137, -24.5121
Hunter-Lab	57.5264, 4.9055, -39.3676

Details

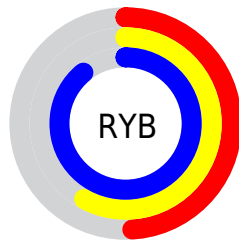
The Hex color **7E9AE3** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E3C77E**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **B6D0FF**, and **4667AB** is the 20% darker color. If you saturate the color by 10%, you get **678AE3**, and if you desaturate by 10%, it is **95AAE3**.

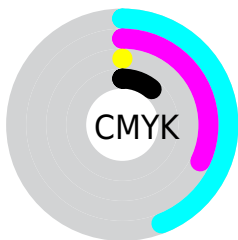
Distribution



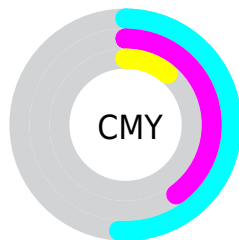
- Red (49%)
- Green (60%)
- Blue (89%)



- Red (49%)
- Yellow (58%)
- Blue (89%)



- Cyan (44%)
- Magenta (32%)
- Yellow (0%)
- Black (11%)



- Cyan (51%)
- Magenta (40%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7E9AE3 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 7E9AE3 by changing the saturation by 10% instead.

■ 7E9AE3

■ 7E9AE3

FFFFFF

■ 6280C7

■ B6D0FF

■ 4667AB

■ D3ECFF

■ 274F90

■ F1FFFF

■ 003976

■ 00245D

■ 000F45

■ 00042E

■ 000119

■ 000000

■ 7E9AE3

■ 7E9AE3

■ 678AE3

■ 95AAE3

■ 5179E3

■ ABBBE3

■ 3A69E3

■ C2CBE3

■ 2358E3

■ D9DCE3

■ 0D48E3

■ F0ECE3

■ 003FE3

■ FFFCE3

■ FFFFE3

Harmonies

Analogous

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



2EA5E1



7E9AE3



B48CD2

Triad

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



7E9AE3



DB866B



48AD85

Complementary

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



7E9AE3



E3C77E

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.



7BA864



7E9AE3



C59255

Square

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



7E9AE3



E27E8D



A39F52



00AFAB

Rectangle

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



7E9AE3



CC84BE



A39F52



5BAC79

Sweetspot

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



7E9AE3



DEE7FF



7EE3C6



6B7180



000000



808080

Same Dimension

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



7E9AE3



789DFF



947EE3



676A73



0031B3



000E33

Inverse Universe

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



E37E9A



FF789D



CDE37E



73676A



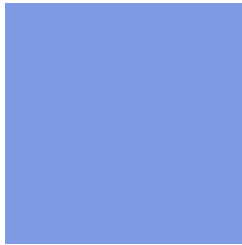
B30031



33000E

Previews

White Background



This preview shows how the Hex color 7E9AE3 looks on a white background.

Color Contrast Check

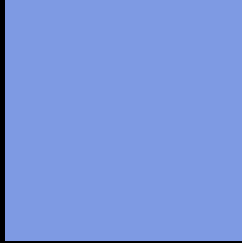
Large Text (above 18pt) WCAG AA × Fail

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 7E9AE3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

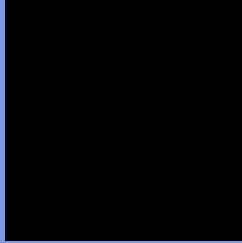
Any Text WCAG AA ✓ Pass

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 7E9AE3 Background



This preview shows how black text looks on a background with the Hex color 7E9AE3.



This preview shows how white text looks on a background with the Hex color 7E9AE3.

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](#).

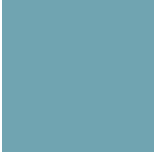
Dichromacy



Original Color
7E9AE3

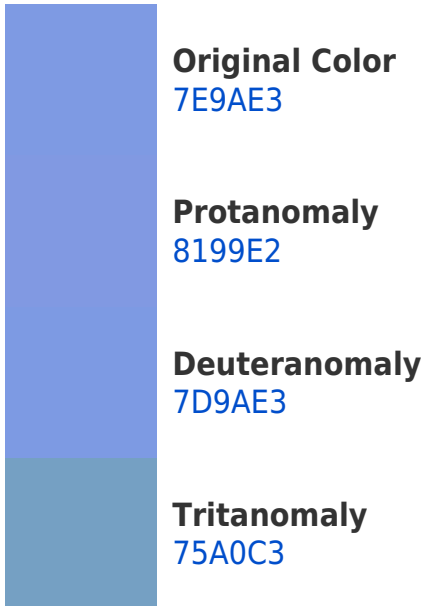
Protanopia
8399E2

Deuteranopia
7D9AE3

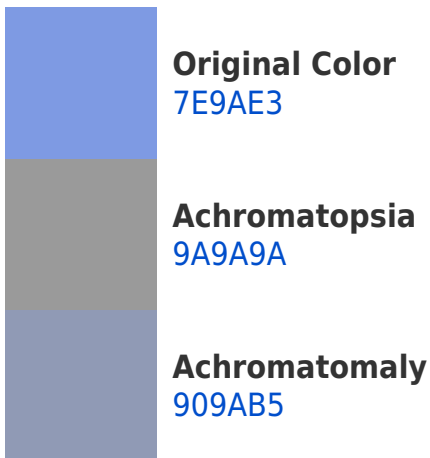


Tritanopia
70A4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7E9AE3 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 #7E9AE3 looks like.

```
.text, #text, p{  
    color:#7E9AE3  
}
```

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 #7E9AE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E9AE3
}
```

Border

The CSS property to change the border of an element to Hex 7E9AE3 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
#7E9AE3 }
```

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

```
.border{ border-color:#7E9AE3 }
```

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

Here you see how a box with a 4 pixel #7E9AE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E9AE3; -webkit-box-shadow:4px 4px  
4px 4px #7E9AE3; box-shadow:4px 4px 4px  
4px #7E9AE3 }
```

Background

The CSS property to change the background color of an element to Hex 7E9AE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E9AE3 }
```

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

```
.background{ background-color:#7E9AE3 }
```

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