

Converting Colors

Hex(7D9AEB)

Have a look what the booklet for
Hex(7D9AEB) contains.

Hex(7D9AEB)	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(7D9AEB)

Conversions

Conversions Part 1

Format	Color
Hex	7D9AEB
RGB	125, 154, 235
RGB Percent	49%, 60%, 92%
CMY	0.5098, 0.3961, 0.0784
CMYK	0.47, 0.34, 0.00, 0.08
HSL	224°, 73%, 71%
HSV	224°, 47%, 92%
XYZ	35.0084, 33.4693, 83.2123
YIQ	154.5630, -43.2850, 19.0430

Conversions

Conversions Part 2

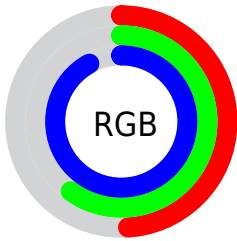
Format	Color
RYB	125, 148, 235
Decimal	8231659
CIELab	64.54, 11.26, -43.99
CIELCh	65, 45.412, 284.356
Yxy	33.4693, 0.2308, 0.2206
Android (android.graphics.Color)	4286421739 (0xFF7D9AEB)
YUV	154.5630, 39.6554, -25.9268
Hunter-Lab	57.8527, 6.7736, -44.7828

Details

The Hex color **7D9AEB** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **EBCE7D**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **B6D0FF**, and **4367B3** is the 20% darker color. If you saturate the color by 10%, you get **6689EB**, and if you desaturate by 10%, it is **94ABEB**.

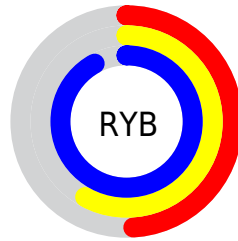
Distribution



Red (49%)

Green (60%)

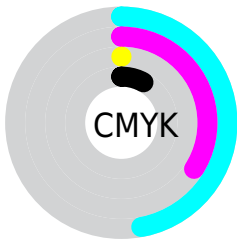
Blue (92%)



Red (49%)

Yellow (58%)

Blue (92%)

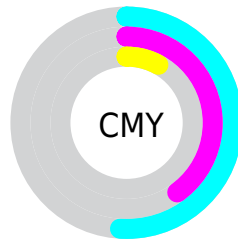


Cyan (47%)

Magenta (34%)

Yellow (0%)

Black (8%)



Cyan (51%)

Magenta (40%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D9AEB 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 7D9AEB by changing the saturation by 10% instead.

 7D9AEB

 7D9AEB

FFFFFF

 6180CF

 B6D0FF

 4367B3

 D3ECFF

 225098

 F1FFFF

 00397D

 002464

 000F4C

 000434

 00021E

 000000

 7D9AEB

 7D9AEB

 6689EB

 94ABEB

 4E77EB

 ACBDEB

 3666EB

 C3CEEB

 1F55EB

 DBDFEB

 0743EB

 F3F1EB

 003EEB

 FFFFEB

Harmonies

Analogous

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



00A7EA



7D9AEB



B98AD7

Triad

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



7D9AEB



E18466



35B085

Complementary

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



7D9AEB



EBCE7D

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.



75AA61



7D9AEB



C7934E

Square

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



7D9AEB



EA7B8A



A2A04B



00B1AF

Rectangle

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



7D9AEB



D481C0



A2A04B



4FAE78

Sweetspot

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



7D9AEB



DBE5FF



7DEBCE



6A7080



000000



808080

Same Dimension

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



7D9AEB



7096FF



977DEB



6A6D75



0030B5



000E36

Inverse Universe

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



EB7D9A



FF7096



D1EB7D



756A6D



B50030



36000E

Previews

White Background



This preview shows how the Hex color 7D9AEB looks on a white background.

Color Contrast Check

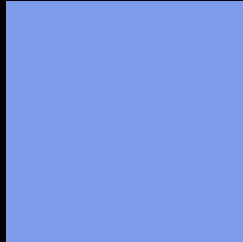
Large Text (above 18pt) WCAG AA × Fail

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 7D9AEB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

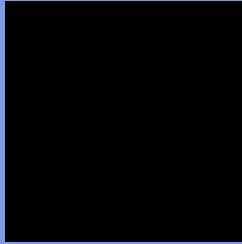
Any Text WCAG AA ✓ Pass

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 7D9AEB Background



This preview shows how black text looks on a background with the Hex color 7D9AEB.



This preview shows how white text looks on a background with the Hex color 7D9AEB.

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
7D9AEB

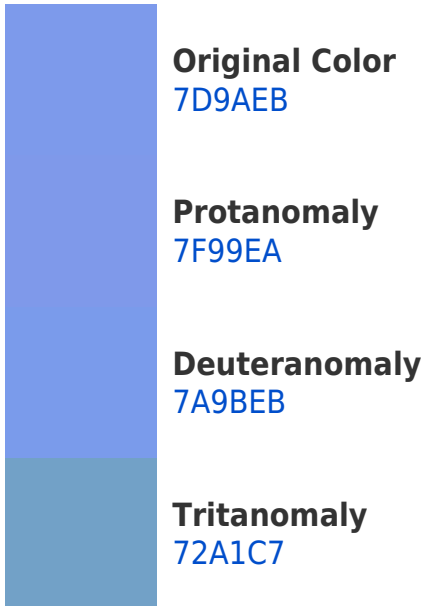
Protanopia
8099EA

Deuteranopia
789BEB

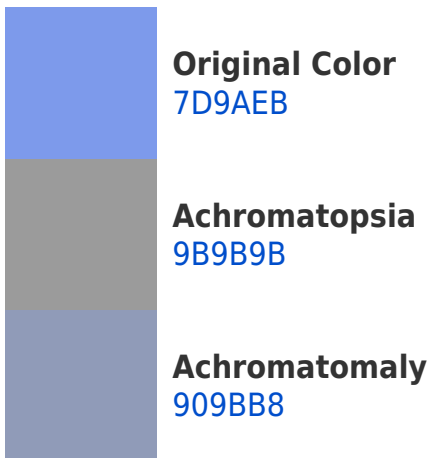


Tritanopia
6CA5B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7D9AEB 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 #7D9AEB looks like.

```
.text, #text, p{  
    color:#7D9AEB  
}
```

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 #7D9AEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D9AEB
}
```

Border

The CSS property to change the border of an element to Hex 7D9AEB 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
#7D9AEB }
```

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

```
.border{ border-color:#7D9AEB }
```

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

Here you see how a box with a 4 pixel #7D9AEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D9AEB; -webkit-box-shadow:4px 4px  
4px 4px #7D9AEB; box-shadow:4px 4px 4px  
4px #7D9AEB }
```

Background

The CSS property to change the background color of an element to Hex 7D9AEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D9AEB }
```

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

```
.background{ background-color:#7D9AEB }
```

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