

# Converting Colors

Hex(7B9BDE)

Have a look what the booklet for  
Hex(7B9BDE) contains.

|  |    |
|--|----|
| <b>Hex(7B9BDE)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# **Color**

**Hex(7B9BDE)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 7B9BDE                      |
| RGB         | 123, 155, 222               |
| RGB Percent | 48%, 61%, 87%               |
| CMY         | 0.5176, 0.3922, 0.1294      |
| CMYK        | 0.45, 0.30, 0.00, 0.13      |
| HSL         | 221°, 60%, 68%              |
| HSV         | 221°, 45%, 87%              |
| XYZ         | 33.0745, 32.9276, 73.7197   |
| YIQ         | 153.0700, -40.5790, 14.0530 |

# Conversions

## Conversions Part 2

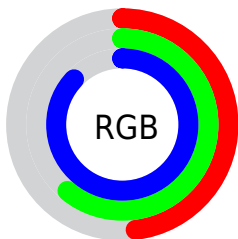
| <b>Format</b>                       | <b>Color</b>                                    |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">123, 147, 222</a>                   |
| Decimal                             | <a href="#">8100830</a>                         |
| CIELab                              | <a href="#">64.10, 6.42, -37.51</a>             |
| CIELCh                              | <a href="#">64, 38.057, 279.709</a>             |
| Yxy                                 | <a href="#">32.9276, 0.2367,<br/>0.2357</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4286290910<br/>(0xFF7B9BDE)</a>     |
| YUV                                 | <a href="#">153.0700, 33.9825,<br/>-26.3714</a> |
| Hunter-Lab                          | <a href="#">57.3825, 2.4656,<br/>-36.0024</a>   |

# Details

The Hex color **7B9BDE** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DEBE7B**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **B3D1FF**, and **4368A7** is the 20% darker color. If you saturate the color by 10%, you get **658CDE**, and if you desaturate by 10%, it is **91AADE**.

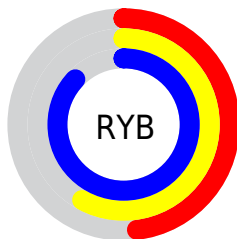
# Distribution



Red (48%)

Green (61%)

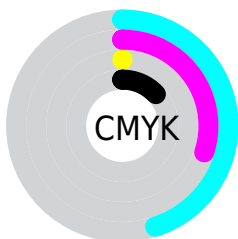
Blue (87%)



Red (48%)

Yellow (58%)

Blue (87%)

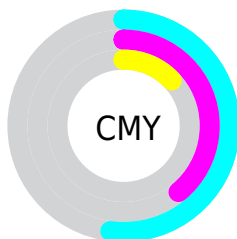


Cyan (45%)

Magenta (30%)

Yellow (0%)

Black (13%)



Cyan (52%)

Magenta (39%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B9BDE 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 7B9BDE by changing the saturation by 10% instead.



 7B9BDE

 7B9BDE

FFFFFF

 5F81C2

 B3D1FF

 4368A7

 D0EDFF

 24508C

 EDFFFF

 003A72

 002559

 000F41

 00032B

 000115

 000000

 7B9BDE

 7B9BDE

 658CDE

 91AADE

 4F7DDE

 A7B9DE

 386EDE

 BEC8DE

 225FDE

 D4D7DE

 0C50DE

 EAE6DE

 0048DE

 FFF5DE

 FFFFDE

# Harmonies

## Analogous

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



38A5DA



7B9BDE



AD8ED0

# Triad

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



7B9BDE



D88672



56AC83

# Complementary

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



7B9BDE



DEBE7B

# 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.



81A666



7B9BDE



C5915C

# Square

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



7B9BDE



DD8091



A69D57



14ADA6

# Rectangle

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



7B9BDE



C687BE



A69D57



65AA78



# Sweetspot

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



7B9BDE



DEE9FF



7BDEBD



6B7280



000000



808080



# Same Dimension

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



7B9BDE



75A2FF



8B7BDE



656970



0039B0



001030



# Inverse Universe

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



DE7B9B



FF75A2



CEDE7B



706569



B00039

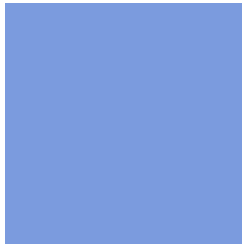


300010



# Previews

## White Background



This preview shows how the Hex color 7B9BDE looks on a white background.

## Color Contrast Check

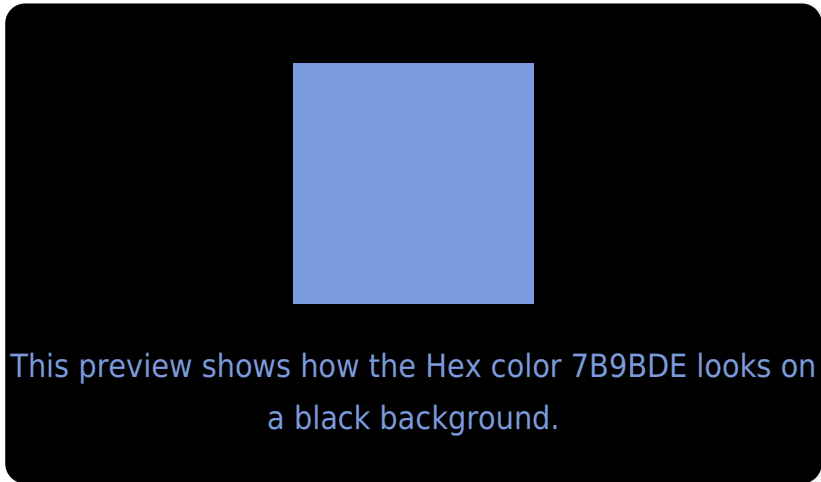
Large Text (above 18pt) WCAG AA × Fail

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

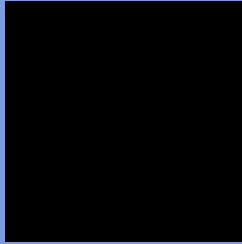
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7B9BDE Background



This preview shows how black text looks on a background with the Hex color 7B9BDE.



This preview shows how white text looks on a background with the Hex color 7B9BDE.

# 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**  
7B9BDE

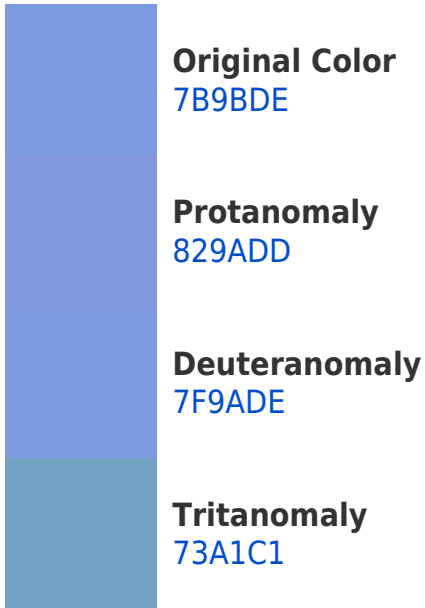
**Protanopia**  
8699DC

**Deuteranopia**  
819ADE



**Tritanopia**  
6EA4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B9BDE 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 #7B9BDE looks like.

```
.text, #text, p{  
    color:#7B9BDE  
}
```

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 #7B9BDE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B9BDE
}
```

## Border

The CSS property to change the border of an element to Hex 7B9BDE 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
#7B9BDE }
```

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

```
.border{ border-color:#7B9BDE }
```

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

Here you see how a box with a 4 pixel #7B9BDE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B9BDE; -webkit-box-shadow:4px 4px  
4px 4px #7B9BDE; box-shadow:4px 4px 4px  
4px #7B9BDE }
```

# Background

The CSS property to change the background color of an element to Hex 7B9BDE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B9BDE }
```

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

```
.background{ background-color:#7B9BDE }
```

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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