

Converting Colors

Hex(7C9BDE)

Have a look what the booklet for
Hex(7C9BDE) contains.

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Color

Hex(7C9BDE)

Conversions

Conversions Part 1

Format	Color
Hex	7C9BDE
RGB	124, 155, 222
RGB Percent	49%, 61%, 87%
CMY	0.5137, 0.3922, 0.1294
CMYK	0.44, 0.30, 0.00, 0.13
HSL	221°, 60%, 68%
HSV	221°, 44%, 87%
XYZ	33.2183, 33.0017, 73.7264
YIQ	153.3690, -39.9830, 14.2650

Conversions

Conversions Part 2

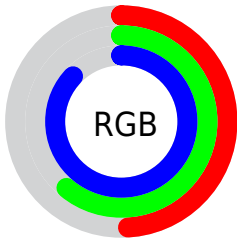
Format	Color
RYB	124, 148, 222
Decimal	8166366
CIELab	64.16, 6.67, -37.41
CIElCh	64, 38.003, 280.105
Yxy	33.0017, 0.2374, 0.2358
Android (android.graphics.Color)	4286356446 (0xFF7C9BDE)
YUV	153.3690, 33.8351, -25.7566
Hunter-Lab	57.4471, 2.6838, -35.8786

Details

The Hex color **7C9BDE** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DEBF7C**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **B4D1FF**, and **4468A7** is the 20% darker color. If you saturate the color by 10%, you get **668CDE**, and if you desaturate by 10%, it is **92AADE**.

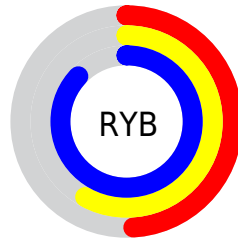
Distribution



Red (49%)

Green (61%)

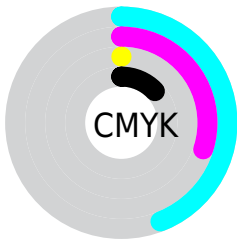
Blue (87%)



Red (49%)

Yellow (58%)

Blue (87%)

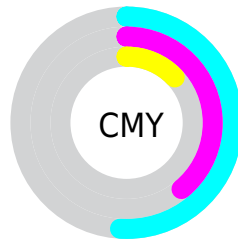


Cyan (44%)

Magenta (30%)

Yellow (0%)

Black (13%)



Cyan (51%)

Magenta (39%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C9BDE 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 7C9BDE by changing the saturation by 10% instead.

 7C9BDE

 7C9BDE

FFFFFF

 6081C2

 B4D1FF

 4468A7

 D1EDFF

 26508C

 EEEFFF

 003A72

 002559

 000F41

 00032B

 000115

 000000

 7C9BDE

 7C9BDE

 668CDE

 92AADE

 507DDE

 A8B9DE

 396DDE

 BFC9DE

 235EDE

 D5D8DE

 0D4FDE

 EBE7DE

 0046DE

 FFF6DE

 FFFFDE

Harmonies

Analogous

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



3AA5DB



7C9BDE



AE8ED0

Triad

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



7C9BDE



D88671



55AC83

Complementary

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



7C9BDE



DEBF7C

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



7C9BDE



C4925C

Square

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



7C9BDE



DD8191



A69D58



14AEA6

Rectangle

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



7C9BDE



C687BE



A69D58



65AA79

Sweetspot

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



7C9BDE



DEE8FF



7CDEBF



6B7280



000000



808080

Same Dimension

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



7C9BDE



78A3FF



8E7CDE



656970



0038B0



000F30

Inverse Universe

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



DE7C9B



FF78A3



CCDE7C



706569



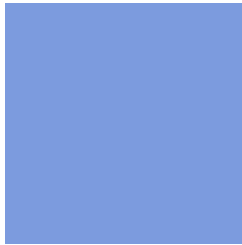
B00038



30000F

Previews

White Background



This preview shows how the Hex color 7C9BDE looks on a white background.

Color Contrast Check

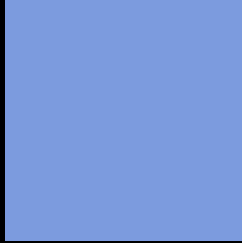
Large Text (above 18pt) WCAG AA × Fail

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 7C9BDE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

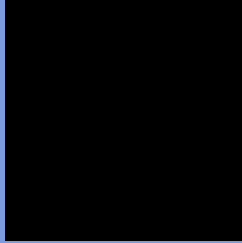
Any Text WCAG AA ✓ Pass

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 7C9BDE Background



This preview shows how black text looks on a background with the Hex color 7C9BDE.



This preview shows how white text looks on a background with the Hex color 7C9BDE.

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
7C9BDE

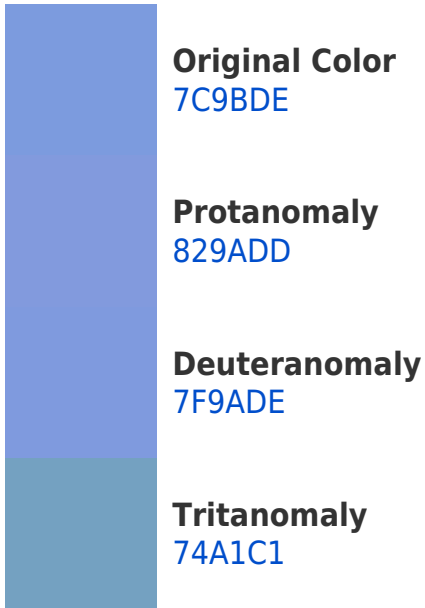
Protanopia
8699DC

Deuteranopia
819ADE

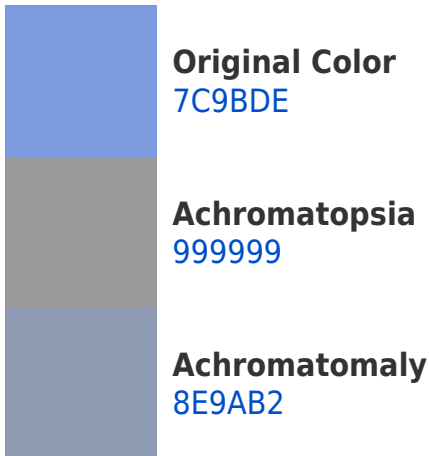


Tritanopia
6FA4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7C9BDE 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 #7C9BDE looks like.

```
.text, #text, p{  
    color:#7C9BDE  
}
```

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 #7C9BDE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C9BDE
}
```

Border

The CSS property to change the border of an element to Hex 7C9BDE 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
#7C9BDE }
```

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

```
.border{ border-color:#7C9BDE }
```

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

Here you see how a box with a 4 pixel #7C9BDE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C9BDE; -webkit-box-shadow:4px 4px  
4px 4px #7C9BDE; box-shadow:4px 4px 4px  
4px #7C9BDE }
```

Background

The CSS property to change the background color of an element to Hex 7C9BDE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C9BDE }
```

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

```
.background{ background-color:#7C9BDE }
```

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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