

Converting Colors

Hex(7D9BE8)

Have a look what the booklet for
Hex(7D9BE8) contains.

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Color

Hex(7D9BE8)

Conversions

Conversions Part 1

Format	Color
Hex	7D9BE8
RGB	125, 155, 232
RGB Percent	49%, 61%, 91%
CMY	0.5098, 0.3922, 0.0902
CMYK	0.46, 0.33, 0.00, 0.09
HSL	223°, 70%, 70%
HSV	223°, 46%, 91%
XYZ	34.7443, 33.6289, 81.0037
YIQ	154.8080, -42.5970, 17.5870

Conversions

Conversions Part 2

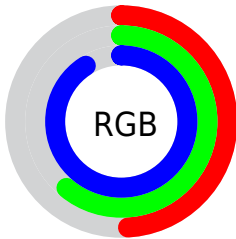
Format	Color
RYB	125, 148, 232
Decimal	8231912
CIELab	64.67, 9.81, -42.14
CIELCh	65, 43.267, 283.098
Yxy	33.6289, 0.2326, 0.2251
Android (android.graphics.Color)	4286421992 (0xFF7D9BE8)
YUV	154.8080, 38.0557, -26.1416
Hunter-Lab	57.9904, 5.4630, -42.2258

Details

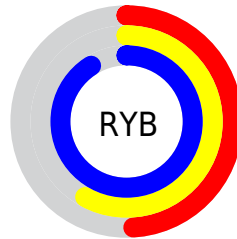
The Hex color **7D9BE8** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **E8CA7D**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **B6D1FF**, and **4468B0** is the 20% darker color. If you saturate the color by 10%, you get **668AE8**, and if you desaturate by 10%, it is **94ACE8**.

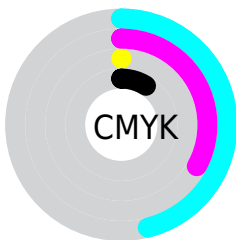
Distribution



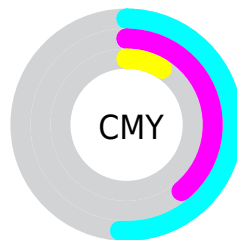
- Red (49%)
- Green (61%)
- Blue (91%)



- Red (49%)
- Yellow (58%)
- Blue (91%)



- Cyan (46%)
- Magenta (33%)
- Yellow (0%)
- Black (9%)



- Cyan (51%)
- Magenta (39%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D9BE8 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 7D9BE8 by changing the saturation by 10% instead.

■ 7D9BE8

■ 7D9BE8

FFFFFF

■ 6181CC

■ B6D1FF

■ 4468B0

■ D3EDFF

■ 245095

■ F0FFFF

■ 003A7B

■ 002562

■ 001049

■ 000432

■ 00021C

■ 000000

 7D9BE8

 7D9BE8

 668AE8

 94ACE8

 4F7AE8

 ABBCE8

 3769E8

 C3CDE8

 2058E8

 DADEE8

 0948E8

 F1EEE8

 0041E8

 FFFF8

Harmonies

Analogous

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



1CA7E6



7D9BE8



B68CD6

Triad

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



7D9BE8



DF856A



42AF85

Complementary

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



7D9BE8



E8CA7D

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.



79AA63



7D9BE8



C79352

Square

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



7D9BE8



E77D8D



A4A04F



00B1AD

Rectangle

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



7D9BE8



D083C1



A4A04F



57AE78

Sweetspot

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



7D9BE8



DBE5FF



7DE8CA



6A7080



000000



808080

Same Dimension

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



7D9BE8



739AFF



947DE8



676A73



0032B3



000E33

Inverse Universe

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



E87D9B



FF739A



D1E87D



73676A



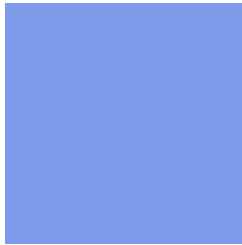
B30032



33000E

Previews

White Background



This preview shows how the Hex color 7D9BE8 looks on a white background.

Color Contrast Check

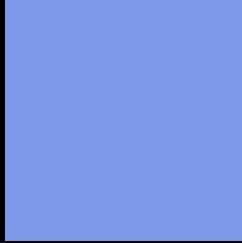
Large Text (above 18pt) WCAG AA × Fail

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 7D9BE8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

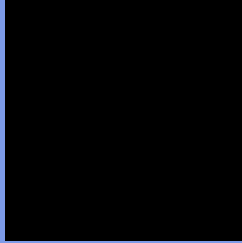
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

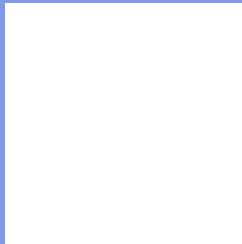
Any Text WCAG AAA ✓ Pass

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

Hex 7D9BE8 Background



This preview shows how black text looks on a background with the Hex color 7D9BE8.



This preview shows how white text looks on a background with the Hex color 7D9BE8.

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
7D9BE8

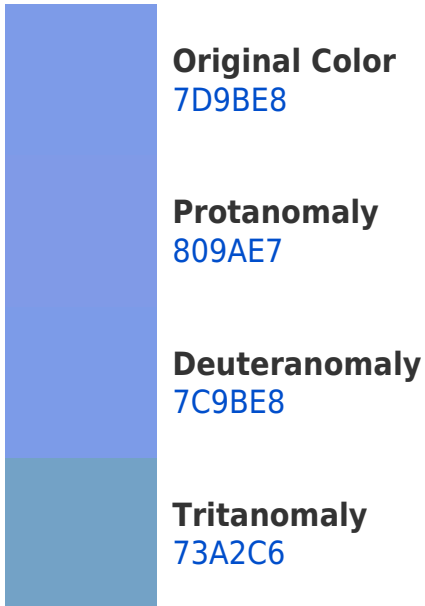
Protanopia
829AE7

Deuteranopia
7B9BE8



Tritanopia
6EA6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7D9BE8 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 #7D9BE8 looks like.

```
.text, #text, p{  
    color:#7D9BE8  
}
```

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 #7D9BE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D9BE8
}
```

Border

The CSS property to change the border of an element to Hex 7D9BE8 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
#7D9BE8 }
```

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

```
.border{ border-color:#7D9BE8 }
```

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

Here you see how a box with a 4 pixel #7D9BE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D9BE8; -webkit-box-shadow:4px 4px  
4px 4px #7D9BE8; box-shadow:4px 4px 4px  
4px #7D9BE8 }
```

Background

The CSS property to change the background color of an element to Hex 7D9BE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D9BE8 }
```

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

```
.background{ background-color:#7D9BE8 }
```

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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