

Converting Colors

Hex(7F9DDB)

Have a look what the booklet for
Hex(7F9DDB) contains.

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Color

Hex(7F9DDB)

Conversions

Conversions Part 1

Format	Color
Hex	7F9DDB
RGB	127, 157, 219
RGB Percent	50%, 62%, 86%
CMY	0.5020, 0.3843, 0.1412
CMYK	0.42, 0.28, 0.00, 0.14
HSL	220°, 56%, 68%
HSV	220°, 42%, 86%
XYZ	33.5956, 33.7404, 71.7597
YIQ	155.0980, -37.7820, 12.9220

Conversions

Conversions Part 2

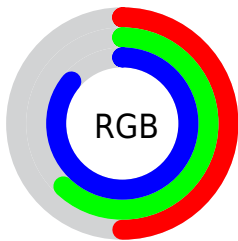
Format	Color
R _Y B	127, 150, 219
Decimal	8363483
CIE Lab	64.76, 5.44, -34.81
CIE LCh	65, 35.236, 278.876
Yxy	33.7404, 0.2415, 0.2426
Android (android.graphics.Color)	4286553563 (0xFF7F9DDB)
YUV	155.0980, 31.5037, -24.6419
Hunter-Lab	58.0865, 1.5878, -32.5859

Details

The Hex color **7F9DDB** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DBBD7F**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **B7D3FF**, and **486AA4** is the 20% darker color. If you saturate the color by 10%, you get **698EDB**, and if you desaturate by 10%, it is **95ACDB**.

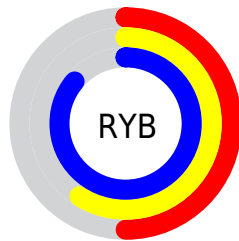
Distribution



Red (50%)

Green (62%)

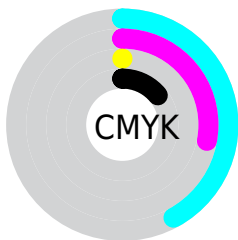
Blue (86%)



Red (50%)

Yellow (59%)

Blue (86%)

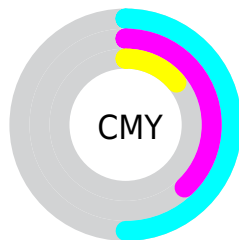


Cyan (42%)

Magenta (28%)

Yellow (0%)

Black (14%)



Cyan (50%)

Magenta (38%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F9DDB 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 7F9DDB by changing the saturation by 10% instead.

■ 7F9DDB

■ 7F9DDB

FFFFFF

■ 6483BF

■ B7D3FF

■ 486AA4

■ D3F0FF

■ 2C5289

■ F1FFFF

■ 033B70

■ 002657

■ 00113F

■ 000329

■ 000113

■ 000000

■ 7F9DDB

■ 7F9DDB

■ 698EDB

■ 95ACDB

■ 537FDB

■ ABBBDB

■ 3D71DB

■ C1C9DB

■ 2762DB

■ D7D8DB

■ 1253DB

■ ECE7DB

■ 0047DB

■ FFF6DB

■ FFFFDB

Harmonies

Analogous

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



48A6D7



7F9DDB



AD91CE

Triad

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



7F9DDB



D78977



5FAC85

Complementary

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



7F9DDB



DBBD7F

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.



86A76B



7F9DDB



C59363

Square

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



7F9DDB



DA8595



A99E5E



33AEA6

Rectangle

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



7F9DDB



C48BBE



A99E5E



6DAB7B

Sweetspot

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



7F9DDB



DEE9FF



7FDBBC



6B7280



000000



808080

Same Dimension

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



7F9DDB



80A9FF



8E7FDB



63666E



0039AD



000F2E

Inverse Universe

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



DB7F9D



FF80A9



CCDB7F



6E6366



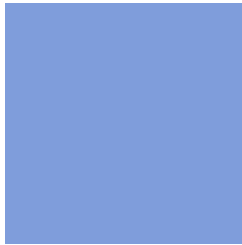
AD0039



2E000F

Previews

White Background



This preview shows how the Hex color 7F9DDB looks on a white background.

Color Contrast Check

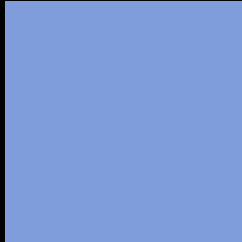
Large Text (above 18pt) WCAG AA × Fail

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 7F9DDB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

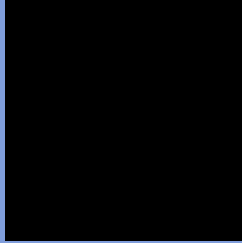
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

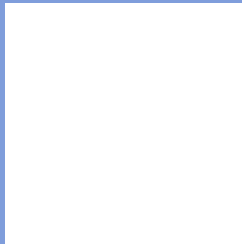
Any Text WCAG AAA ✓ Pass

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

Hex 7F9DDB Background



This preview shows how black text looks on a background with the Hex color 7F9DDB.



This preview shows how white text looks on a background with the Hex color 7F9DDB.

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
7F9DDB

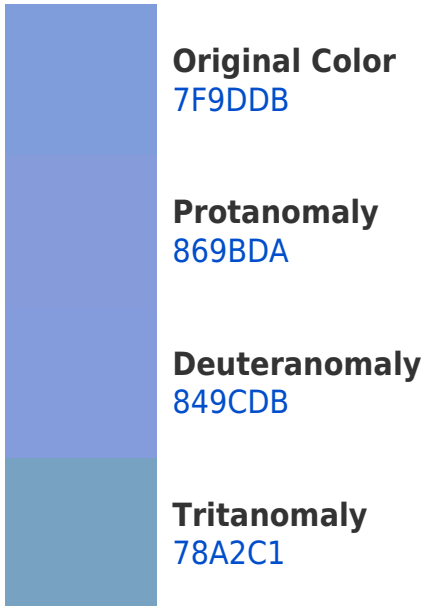
Protanopia
8A9AD9

Deuteranopia
879BDB

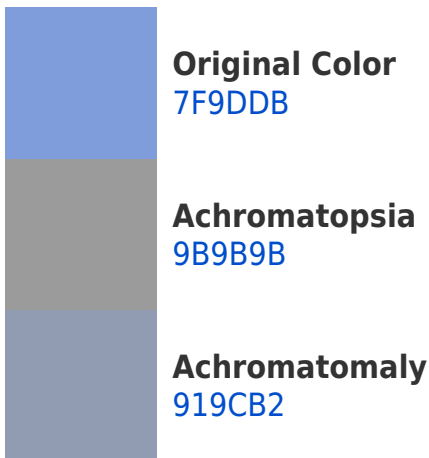


Tritanopia
74A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7F9DDB 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 #7F9DDB looks like.

```
.text, #text, p{  
    color:#7F9DDB  
}
```

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 #7F9DDB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F9DDB
}
```

Border

The CSS property to change the border of an element to Hex 7F9DDB 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
#7F9DDB }
```

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

```
.border{ border-color:#7F9DDB }
```

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

Here you see how a box with a 4 pixel #7F9DDB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F9DDB; -webkit-box-shadow:4px 4px  
4px 4px #7F9DDB; box-shadow:4px 4px 4px  
4px #7F9DDB }
```

Background

The CSS property to change the background color of an element to Hex 7F9DDB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F9DDB }
```

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

```
.background{ background-color:#7F9DDB }
```

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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