

Converting Colors

Hex(7D9DFB)

Have a look what the booklet for
Hex(7D9DFB) contains.

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Color

Hex(7D9DFB)

Conversions

Conversions Part 1

Format	Color
Hex	7D9DFB
RGB	125, 157, 251
RGB Percent	49%, 62%, 98%
CMY	0.5098, 0.3843, 0.0157
CMYK	0.50, 0.37, 0.00, 0.02
HSL	225°, 94%, 74%
HSV	225°, 50%, 98%
XYZ	37.9270, 35.4390, 96.1082
YIQ	158.1480, -49.2460, 22.4500

Conversions

Conversions Part 2

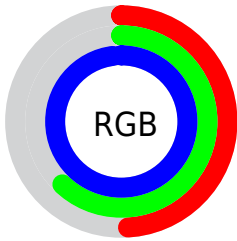
Format	Color
RYB	125, 151, 251
Decimal	8232443
CIELab	66.09, 14.27, -50.32
CIElCh	66, 52.304, 285.838
Yxy	35.4390, 0.2238, 0.2091
Android (android.graphics.Color)	4286422523 (0xFF7D9DFB)
YUV	158.1480, 45.7760, -29.0708
Hunter-Lab	59.5306, 9.5439, -54.0483

Details

The Hex color **7D9DFB** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FBDB7D**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **B7D3FF**, and **406AC2** is the 20% darker color. If you saturate the color by 10%, you get **648AFB**, and if you desaturate by 10%, it is **96B0FB**.

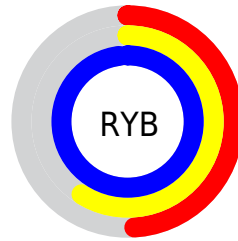
Distribution



Red (49%)

Green (62%)

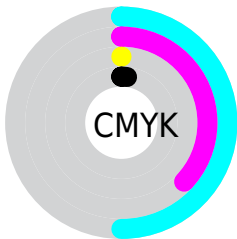
Blue (98%)



Red (49%)

Yellow (59%)

Blue (98%)

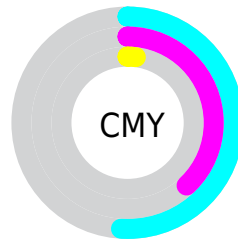


Cyan (50%)

Magenta (37%)

Yellow (0%)

Black (2%)



Cyan (51%)

Magenta (38%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D9DFB 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 7D9DFB by changing the saturation by 10% instead.

■ 7D9DFB

■ 7D9DFB

FFFFFF

■ 5F83DE

■ B7D3FF

■ 406AC2

■ D5F0FF

■ 1952A6

■ F3FFFF

■ 003C8C

■ 002772

■ 001458

■ 000740

■ 000329

■ 000113

■ 7D9DFB

■ 7D9DFB

■ 648AFB

■ 96B0FB

■ 4B78FB

■ AFC2FB

■ 3265FB

■ C8D5FB

■ 1952FB

■ E1E8FB

■ 0040FB

■ FBFBBF

■ FFFFFB

Harmonies

Analogous

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



00ACFB



7D9DFB



C48AE2

Triad

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



7D9DFB



ED855F



00B788

Complementary

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



7D9DFB



FBDB7D

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.



6EB15C



7D9DFB



CE9643

Square

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



7D9DFB



F87989



A3A641



00B8B9

Rectangle

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



7D9DFB



E27FC8



A3A641



3BB578

Sweetspot

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



7D9DFB



D9E2FF



7DFBD9



696E80



000000



808080

Same Dimension

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



7D9DFB



668DFF



9A7DFB



70747D



0030BD



00103D

Inverse Universe

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



FB7D9D



FF668D



DEFB7D



7D7074



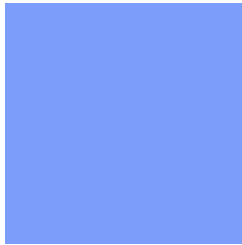
BD0030



3D0010

Previews

White Background



This preview shows how the Hex color 7D9DFB looks on a white background.

Color Contrast Check

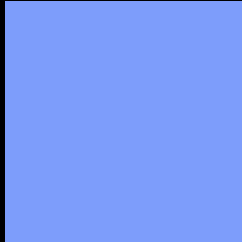
Large Text (above 18pt) WCAG AA × Fail

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 7D9DFB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

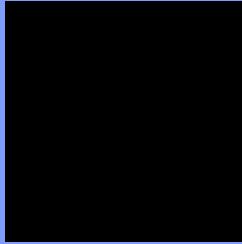
Any Text WCAG AA ✓ Pass

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 7D9DFB Background



This preview shows how black text looks on a background with the Hex color 7D9DFB.



This preview shows how white text looks on a background with the Hex color 7D9DFB.

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

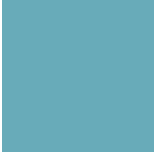
7D9DFB

Protanopia

7D9DFB

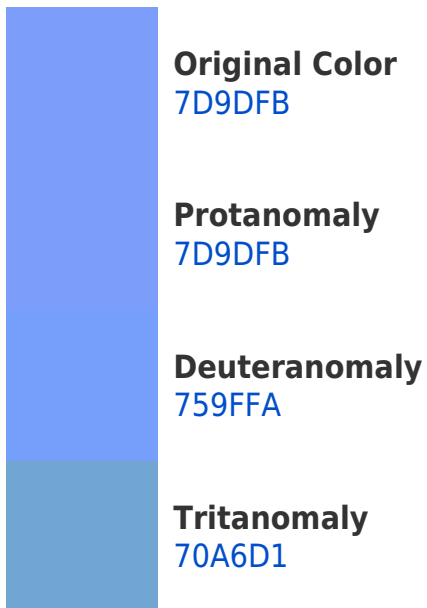
Deuteranopia

70A0FA



Tritanopia
68ABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7D9DFB 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 #7D9DFB looks like.

```
.text, #text, p{  
    color:#7D9DFB  
}
```

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 #7D9DFB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D9DFB
}
```

Border

The CSS property to change the border of an element to Hex 7D9DFB 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
#7D9DFB }
```

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

```
.border{ border-color:#7D9DFB }
```

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

Here you see how a box with a 4 pixel #7D9DFB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D9DFB; -webkit-box-shadow:4px 4px  
4px 4px #7D9DFB; box-shadow:4px 4px 4px  
4px #7D9DFB }
```

Background

The CSS property to change the background color of an element to Hex 7D9DFB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D9DFB }
```

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

```
.background{ background-color:#7D9DFB }
```

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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