

Converting Colors

Hex(7D9DFA)

Have a look what the booklet for
Hex(7D9DFA) contains.

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Color

Hex(7D9DFA)

Conversions

Conversions Part 1

Format	Color
Hex	7D9DFA
RGB	125, 157, 250
RGB Percent	49%, 62%, 98%
CMY	0.5098, 0.3843, 0.0196
CMYK	0.50, 0.37, 0.00, 0.02
HSL	225°, 93%, 74%
HSV	225°, 50%, 98%
XYZ	37.7697, 35.3760, 95.2801
YIQ	158.0340, -48.9250, 22.1390

Conversions

Conversions Part 2

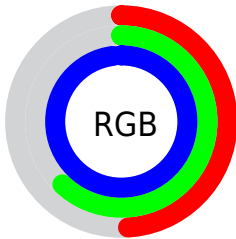
Format	Color
R _Y B	125, 150, 250
Decimal	8232442
CIE Lab	66.04, 13.97, -49.85
CIE LCh	66, 51.771, 285.660
Yxy	35.3760, 0.2243, 0.2100
Android (android.graphics.Color)	4286422522 (0xFF7D9DFA)
YUV	158.0340, 45.3392, -28.9708
Hunter-Lab	59.4778, 9.2655, -53.3448

Details

The Hex color **7D9DFA** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FADA7D**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **B7D3FF**, and **416AC1** is the 20% darker color. If you saturate the color by 10%, you get **648AFA**, and if you desaturate by 10%, it is **96B0FA**.

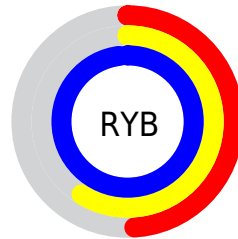
Distribution



Red (49%)

Green (62%)

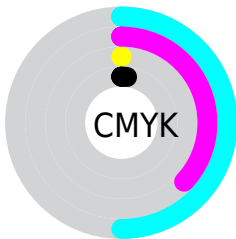
Blue (98%)



Red (49%)

Yellow (59%)

Blue (98%)

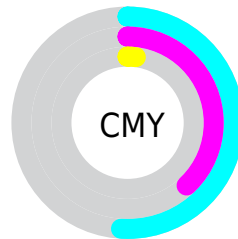


Cyan (50%)

Magenta (37%)

Yellow (0%)

Black (2%)



Cyan (51%)

Magenta (38%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D9DFA 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 7D9DFA by changing the saturation by 10% instead.

 7D9DFA

 7D9DFA

FFFFFF

 6083DD

 B7D3FF

 416AC1

 D5F0FF

 1A52A5

 F3FFFF

 003C8B

 002771

 001458

 000740

 000329

 000113

 7D9DFA

 7D9DFA

 648AFA

 96B0FA

 4B78FA

 AFC2FA

 3265FA

 C8D5FA

 1953FA

 E1E7FA

 0040FA

 FAFAFA

 FFFFFA

Harmonies

Analogous

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



00ACFA



7D9DFA



C38AE2

Triad

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



7D9DFA



EC8560



01B688

Complementary

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



7D9DFA



FADA7D

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.



6FB05D



7D9DFA



CE9644

Square

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



7D9DFA



F7798A



A4A642



00B8B8

Rectangle

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



7D9DFA



E17FC8



A4A642



3EB578

Sweetspot

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



7D9DFA



D9E3FF



7DFAD9



696E80



000000



808080

Same Dimension

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



7D9DFA



668DFF



9A7DFA



70747D



0030BD



00103D

Inverse Universe

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



FA7D9D



FF668D



DDFA7D



7D7074



BD0030



3D0010

Previews

White Background



This preview shows how the Hex color 7D9DFA looks on a white background.

Color Contrast Check

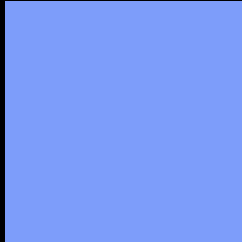
Large Text (above 18pt) WCAG AA × Fail

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 7D9DFA 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 7D9DFA Background



This preview shows how black text looks on a background with the Hex color 7D9DFA.



This preview shows how white text looks on a background with the Hex color 7D9DFA.

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

7D9DFA

Protanopia

7E9DFA

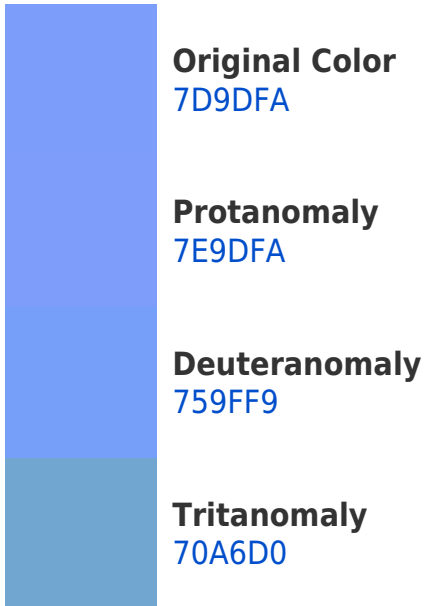
Deuteranopia

71A0F9

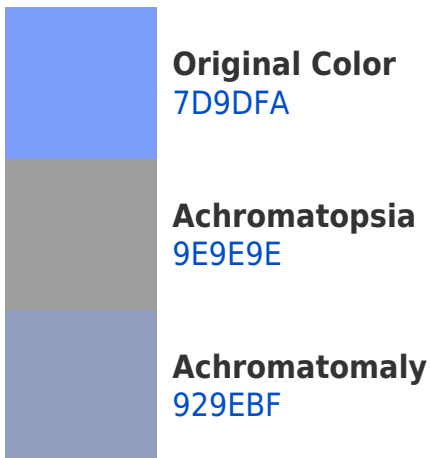


Tritanopia
68ABB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7D9DFA 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 #7D9DFA looks like.

```
.text, #text, p{  
    color:#7D9DFA  
}
```

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 #7D9DFA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D9DFA
}
```

Border

The CSS property to change the border of an element to Hex 7D9DFA 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
#7D9DFA }
```

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

```
.border{ border-color:#7D9DFA }
```

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

Here you see how a box with a 4 pixel #7D9DFA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D9DFA; -webkit-box-shadow:4px 4px  
4px 4px #7D9DFA; box-shadow:4px 4px 4px  
4px #7D9DFA }
```

Background

The CSS property to change the background color of an element to Hex 7D9DFA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D9DFA }
```

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

```
.background{ background-color:#7D9DFA }
```

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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