

Converting Colors

Hex(7A8FD0)

Have a look what the booklet for
Hex(7A8FD0) contains.

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Color

Hex(7A8FD0)

Conversions

Conversions Part 1

Format	Color
Hex	7A8FD0
RGB	122, 143, 208
RGB Percent	48%, 56%, 82%
CMY	0.5216, 0.4392, 0.1843
CMYK	0.41, 0.31, 0.00, 0.18
HSL	225°, 48%, 65%
HSV	225°, 41%, 82%
XYZ	29.2337, 28.3366, 63.6032
YIQ	144.1310, -33.3810, 15.7630

Conversions

Conversions Part 2

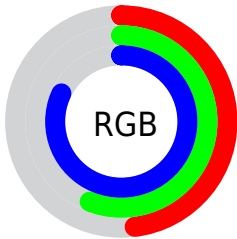
Format	Color
R_{YB}	122, 139, 208
Decimal	8032208
CIE Lab	60.19, 9.10, -35.82
CIE LCh	60, 36.959, 284.248
Yxy	28.3366, 0.2413, 0.2339
Android (android.graphics.Color)	4286222288 (0xFF7A8FD0)
YUV	144.1310, 31.4874, -19.4089
Hunter-Lab	53.2321, 4.8713, -33.5789

Details

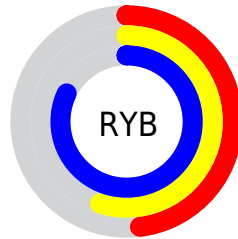
The Hex color **7A8FD0** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D0BB7A**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **B1C5FF**, and **445D99** is the 20% darker color. If you saturate the color by 10%, you get **657FD0**, and if you desaturate by 10%, it is **8F9FD0**.

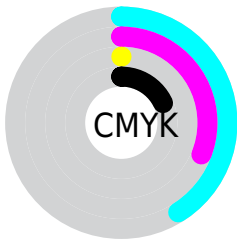
Distribution



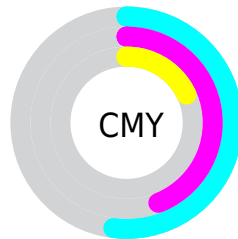
- Red (48%)
- Green (56%)
- Blue (82%)



- Red (48%)
- Yellow (55%)
- Blue (82%)



- Cyan (41%)
- Magenta (31%)
- Yellow (0%)
- Black (18%)



- Cyan (52%)
- Magenta (44%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A8FD0 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 7A8FD0 by changing the saturation by 10% instead.

■ 7A8FD0

■ 7A8FD0

FFFFFF

■ 5F76B4

■ B1C5FF

■ 445D99

■ CEE0FF

■ 28467F

■ EBFDFE

■ 003066

■ 001B4D

■ 000036

■ 000220

■ 000004

■ 000000

 7A8FD0

 7A8FD0

 657FD0

 8F9FD0

 5070D0

 A4AED0

 3C60D0

 B8BED0

 2750D0

 CDCED0

 1240D0

 E2DED0

 0033D0

 F7EDD0

 FFFDD0

 FFFF00

Harmonies

Analogous

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



3B99CF



7A8FD0



A883C0

Triad

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



7A8FD0



C97E65



46A17E

Complementary

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



7A8FD0



D0BB7A

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.



729C61



7A8FD0



B58952

Square

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



7A8FD0



D07783



979451



00A2A0

Rectangle

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



7A8FD0



BE7CAE



979451



56A074

Sweetspot

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



7A8FD0



E0E8FF



7AD0BB



6E7280



000000



808080

Same Dimension

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



7A8FD0



809FFF



907AD0



5E6169



0029A8



000A29

Inverse Universe

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



D07A8F



FF809F



BBD07A



695E61



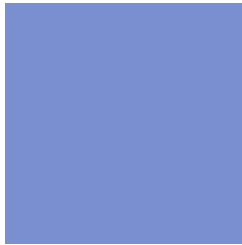
A80029



29000A

Previews

White Background



This preview shows how the Hex color 7A8FD0 looks on a white background.

Color Contrast Check

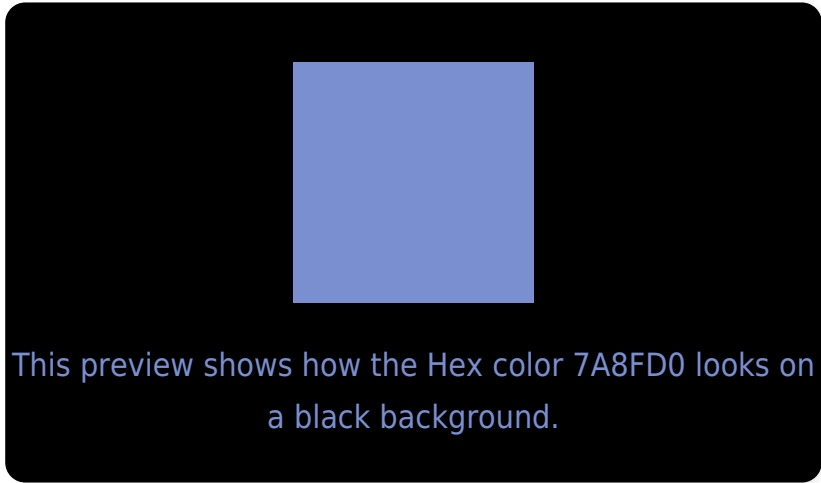
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

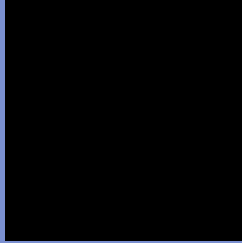
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 7A8FD0 Background



This preview shows how black text looks on a background with the Hex color 7A8FD0.



This preview shows how white text looks on a background with the Hex color 7A8FD0.

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

7A8FD0

Protanopia

7C8FD0

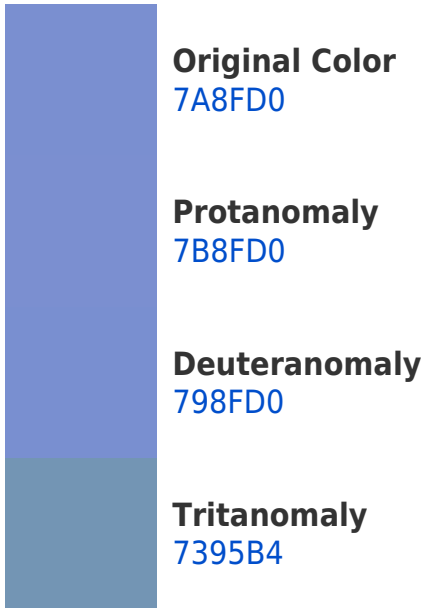
Deuteranopia

788FD0

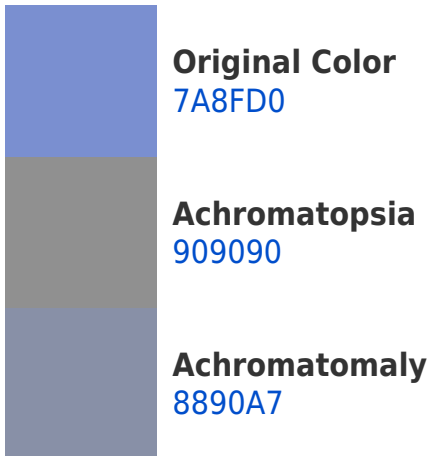


Tritanopia
6F98A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7A8FD0 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 #7A8FD0 looks like.

```
.text, #text, p{  
    color:#7A8FD0  
}
```

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 #7A8FD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A8FD0
}
```

Border

The CSS property to change the border of an element to Hex 7A8FD0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

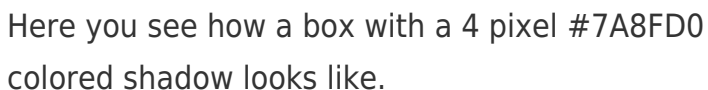
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A8FD0 }
```

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

```
.border{ border-color:#7A8FD0 }
```

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



Here you see how a box with a 4 pixel #7A8FD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A8FD0; -webkit-box-shadow:4px 4px  
4px 4px #7A8FD0; box-shadow:4px 4px 4px  
4px #7A8FD0 }
```

Background

The CSS property to change the background color of an element to Hex 7A8FD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A8FD0 }
```

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

```
.background{ background-color:#7A8FD0 }
```

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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