

Converting Colors

Hex(7A8FE2)

Have a look what the booklet for
Hex(7A8FE2) contains.

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Color

Hex(7A8FE2)

Conversions

Conversions Part 1

Format	Color
Hex	7A8FE2
RGB	122, 143, 226
RGB Percent	48%, 56%, 89%
CMY	0.5216, 0.4392, 0.1137
CMYK	0.46, 0.37, 0.00, 0.11
HSL	228°, 64%, 68%
HSV	228°, 46%, 89%
XYZ	31.5760, 29.2735, 75.9376
YIQ	146.1830, -39.1590, 21.3610

Conversions

Conversions Part 2

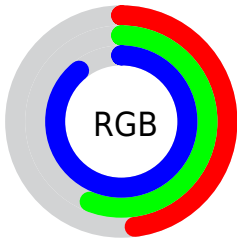
Format	Color
RYB	122, 139, 226
Decimal	8032226
CIELab	61.02, 14.30, -44.57
CIELCh	61, 46.804, 287.790
Yxy	29.2735, 0.2308, 0.2140
Android (android.graphics.Color)	4286222306 (0xFF7A8FE2)
YUV	146.1830, 39.3498, -21.2085
Hunter-Lab	54.1050, 9.4899, -45.3414

Details

The Hex color **7A8FE2** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **E2CD7A**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **B3C5FF**, and **415DAA** is the 20% darker color. If you saturate the color by 10%, you get **637DE2**, and if you desaturate by 10%, it is **91A1E2**.

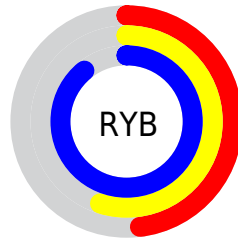
Distribution



Red (48%)

Green (56%)

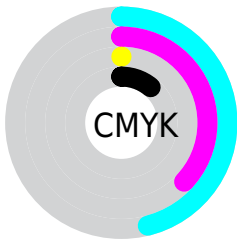
Blue (89%)



Red (48%)

Yellow (55%)

Blue (89%)

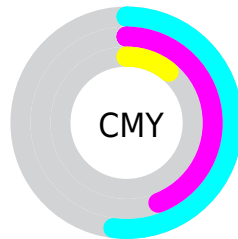


Cyan (46%)

Magenta (37%)

Yellow (0%)

Black (11%)



Cyan (52%)

Magenta (44%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A8FE2 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 7A8FE2 by changing the saturation by 10% instead.

■ 7A8FE2

■ 7A8FE2

FFFFFF

■ 5E76C6

■ B3C5FF

■ 415DAA

■ D0E0FF

■ 20468F

■ EDFDFF

■ 003075

■ 001C5C

■ 000044

■ 00032D

■ 000117

■ 000000

■ 7A8FE2

■ 7A8FE2

■ 637DE2

■ 91A1E2

■ 4D6BE2

■ A7B3E2

■ 3659E2

■ BEC5E2

■ 2047E2

■ D4D7E2

■ 0935E2

■ EBE9E2

■ 002EE2

■ FFFBE2

■ FFFFE2

Harmonies

Analogous

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



009DE4



7A8FE2



B57FCB

Triad

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



7A8FE2



D57C58



07A780

Complementary

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



7A8FE2



E2CD7A

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.



64A25A



7A8FE2



BA8B41

Square

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



7A8FE2



E1717C



939941



00A8AB

Rectangle

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



7A8FE2



CF75B3



939941



38A673

Sweetspot

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



7A8FE2



DBE3FF



7AE2CB



6A6E80



000000



808080

Same Dimension

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



7A8FE2



738FFF



977AE2



656770



0024B0



000A30

Inverse Universe

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



E27A8F



FF738F



C5E27A



706567



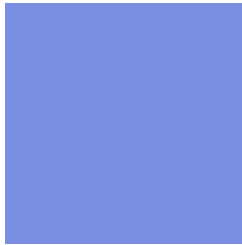
B00024



30000A

Previews

White Background



This preview shows how the Hex color 7A8FE2 looks on a white background.

Color Contrast Check

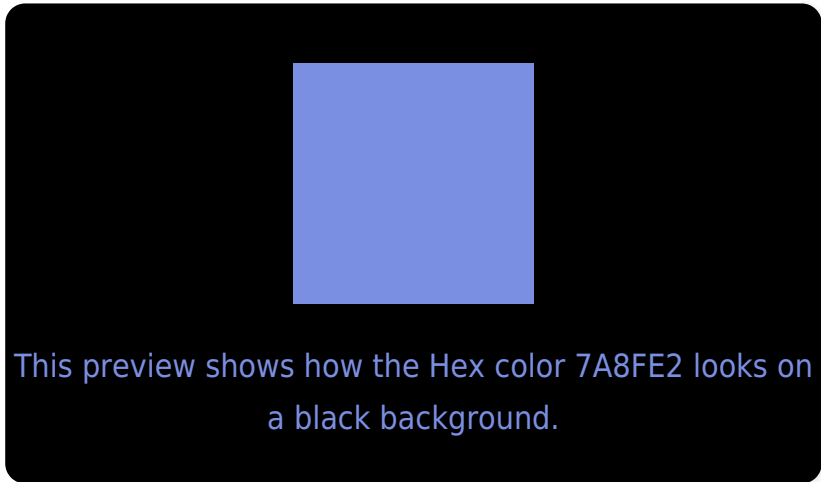
Large Text (above 18pt) WCAG AA ✓ Pass

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

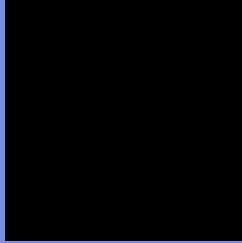
Any Text WCAG AA ✓ Pass

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 7A8FE2 Background



This preview shows how black text looks on a background with the Hex color 7A8FE2.



This preview shows how white text looks on a background with the Hex color 7A8FE2.

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
7A8FE2

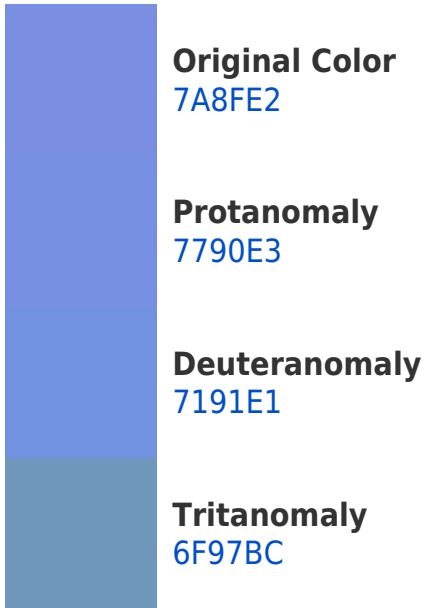
Protanopia
7590E3

Deuteranopia
6C92E1

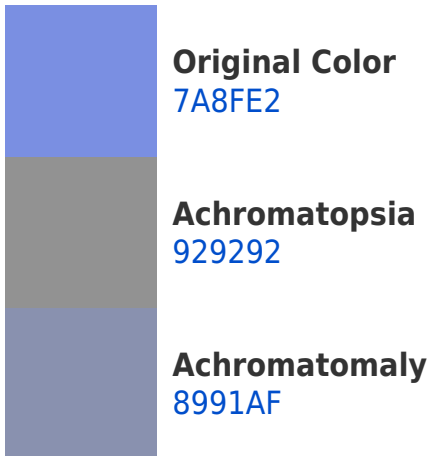


Tritanopia
699BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7A8FE2 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 #7A8FE2 looks like.

```
.text, #text, p{  
    color:#7A8FE2  
}
```

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 #7A8FE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A8FE2
}
```

Border

The CSS property to change the border of an element to Hex 7A8FE2 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
#7A8FE2 }
```

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

```
.border{ border-color:#7A8FE2 }
```

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

Here you see how a box with a 4 pixel #7A8FE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A8FE2; -webkit-box-shadow:4px 4px  
4px 4px #7A8FE2; box-shadow:4px 4px 4px  
4px #7A8FE2 }
```

Background

The CSS property to change the background color of an element to Hex 7A8FE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A8FE2 }
```

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

```
.background{ background-color:#7A8FE2 }
```

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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