

# Converting Colors

Hex(7A82FF)

Have a look what the booklet for  
Hex(7A82FF) contains.

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# **Color**

**Hex(7A82FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7A82FF
RGB	122, 130, 255
RGB Percent	48%, 51%, 100%
CMY	0.5216, 0.4902, 0.0000
CMYK	0.52, 0.49, 0.00, 0.00
HSL	236°, 100%, 74%
HSV	236°, 52%, 100%
XYZ	34.0587, 27.3228, 98.0865
YIQ	141.8580, -44.8930, 37.1790

# Conversions

## Conversions Part 2

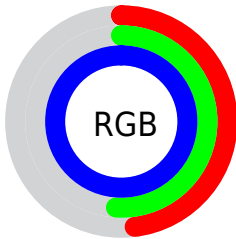
Format	Color
<a href="#">RYB</a>	<a href="#">122, 130, 255</a>
Decimal	<a href="#">8028927</a>
CIELab	<a href="#">59.27, 30.69, -63.38</a>
CIElCh	<a href="#">59, 70.419, 295.839</a>
Yxy	<a href="#">27.3228, 0.2136, 0.1713</a>
Android (android.graphics.Color)	<a href="#">4286219007 (0xFF7A82FF)</a>
YUV	<a href="#">141.8580, 55.7790, -17.4155</a>
Hunter-Lab	<a href="#">52.2713, 24.8315, -74.6672</a>

# Details

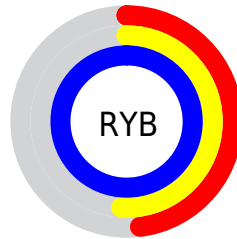
The Hex color **7A82FF** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **FFF77A**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **B6B7FF**, and **3A51C5** is the 20% darker color. If you saturate the color by 10%, you get **616AFF**, and if you desaturate by 10%, it is **949AFF**.

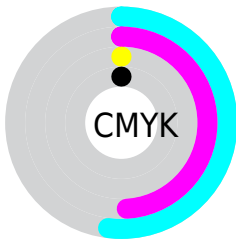
# Distribution



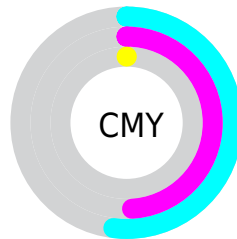
- Red (48%)
- Green (51%)
- Blue (100%)



- Red (48%)
- Yellow (51%)
- Blue (100%)



- Cyan (52%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)



- Cyan (52%)
- Magenta (49%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A82FF 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 7A82FF by changing the saturation by 10% instead.



 7A82FF

 7A82FF

FFFFFF

 5B69E2

 B6B7FF

 3A51C5

 D4D2FF

 013AAA

 F2EFFF

 00258E

 001274

 00005B


 000742

 00032B

 000115

 7A82FF

 7A82FF

 616AFF

 949AFF

 4752FF

 ADB2FF

 2E3AFF

 C7CAFF

 1422FF

 E0E2FF

 000FFF

 FAF AFF

FFFFFF

# Harmonies

## Analogous

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



0099FF



7A82FF



D064D5

# Triad

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



7A82FF



E06F24



00AA84

# Complementary

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



7A82FF



FFF77A

# 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.



00A544



7A82FF



B28900

# Square

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



7A82FF



F9545D



779B00



00ABC3

# Rectangle

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



7A82FF



EE52AF



779B00



00A96E



# Sweetspot

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



7A82FF



D6D9FF



7AFFF6



676980



000000



808080



# Same Dimension

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



7A82FF



5E68FF



B47AFF



737480



000CBF



000440



# Inverse Universe

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



FF7A82



FF5E68



C5FF7A



807374



BF000C

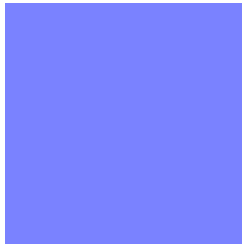


400004



# Previews

## White Background



This preview shows how the Hex color 7A82FF looks on a white background.

## Color Contrast Check

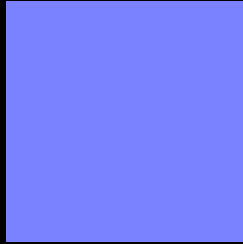
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 7A82FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

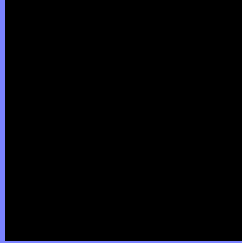
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7A82FF Background



This preview shows how black text looks on a background with the Hex color 7A82FF.

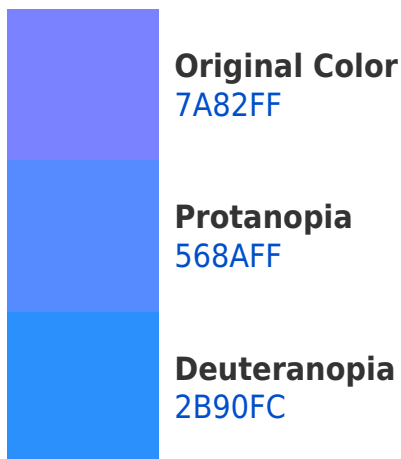


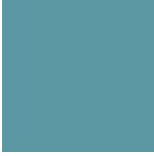
This preview shows how white text looks on a background with the Hex color 7A82FF.

# 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](#).

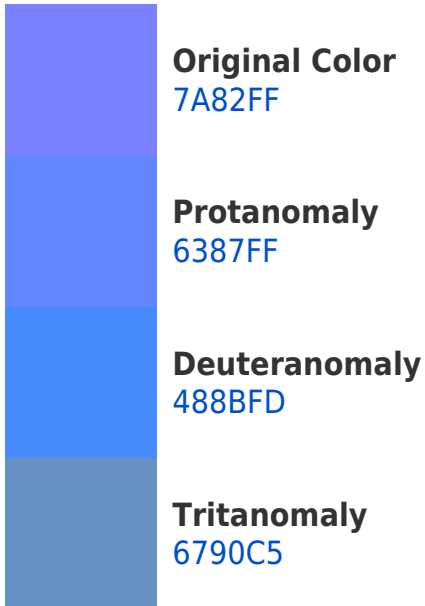
## Dichromacy



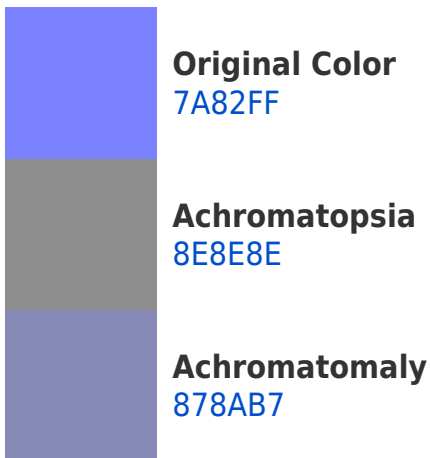


**Tritanopia**  
5C98A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A82FF 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 #7A82FF looks like.

```
.text, #text, p{  
    color:#7A82FF  
}
```

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 #7A82FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A82FF
}
```

## Border

The CSS property to change the border of an element to Hex 7A82FF 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
#7A82FF }
```

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

```
.border{ border-color:#7A82FF }
```

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

Here you see how a box with a 4 pixel #7A82FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A82FF; -webkit-box-shadow:4px 4px  
4px 4px #7A82FF; box-shadow:4px 4px 4px  
4px #7A82FF }
```

# Background

The CSS property to change the background color of an element to Hex 7A82FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A82FF }
```

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

```
.background{ background-color:#7A82FF }
```

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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