

Converting Colors

Hex(7FA7FF)

Have a look what the booklet for
Hex(7FA7FF) contains.

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Color

Hex(7FA7FF)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 7FA7FF |
| RGB | 127, 167, 255 |
| RGB Percent | 50%, 65%, 100% |
| CMY | 0.5020, 0.3451, 0.0000 |
| CMYK | 0.50, 0.35, 0.00, 0.00 |
| HSL | 221°, 100%, 75% |
| HSV | 221°, 50%, 100% |
| XYZ | 40.6211, 39.3695, 100.0658 |
| YIQ | 165.0720, -52.0880, 18.8880 |

Conversions

Conversions Part 2

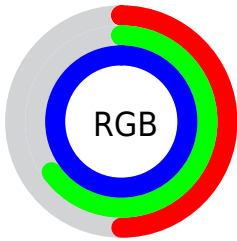
| Format | Color |
|-------------------------------------|--|
| RYB | 127, 157, 255 |
| Decimal | 8366079 |
| CIELab | 69.02, 10.17, -47.87 |
| CIELCh | 69, 48.934, 281.991 |
| Yxy | 39.3695, 0.2256, 0.2187 |
| Android (android.graphics.Color) | 4286556159 (0xFF7FA7FF) |
| YUV | 165.0720, 44.3345, -33.3891 |
| Hunter-Lab | 62.7451, 5.7568, -50.6341 |

Details

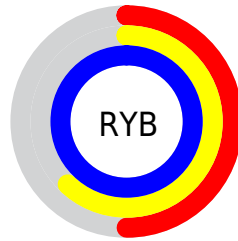
The Hex color **7FA7FF** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FFD77F**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **BADEFF**, and **4273C6** is the 20% darker color. If you saturate the color by 10%, you get **6695FF**, and if you desaturate by 10%, it is **99B9FF**.

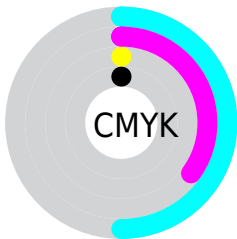
Distribution



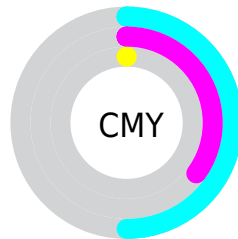
- Red (50%)
- Green (65%)
- Blue (100%)



- Red (50%)
- Yellow (62%)
- Blue (100%)



- Cyan (50%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (35%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Hex color 7FA7FF 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 7FA7FF by changing the saturation by 10% instead.

 7FA7FF

 7FA7FF

FFFFFF

 618DE2

 BADEFF

 4273C6

 D7FAFF

 1C5BAA

 F5FFFF

 00448F

 002F75

 001B5C

 000344

 00032D

 000117

 7FA7FF

 7FA7FF

 6695FF

 99B9FF

 4C84FF

 B2CAFF

 3372FF

 CCDCFF

 1961FF

 E5EDFF

 0050FF

FFFFFF

Harmonies

Analogous

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



00B5FC



7FA7FF



C396EB

Triad

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



7FA7FF



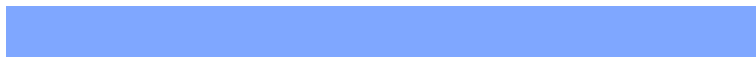
F48D6F



3EBD8C

Complementary

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



7FA7FF



FFD77F

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.



81B764



7FA7FF



D99D53

Square

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



7FA7FF



FC8398



B2AC4F



00BFB9

Rectangle

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



7FA7FF



E28BD3



B2AC4F



59BC7D

Sweetspot

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



7FA7FF



D9E5FF



7FFFD6



697080



000000



808080

Same Dimension

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



7FA7FF



6696FF



967FFF



737780



003CBF



001440

Inverse Universe

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



FF7FA7



FF6696



E8FF7F



807377



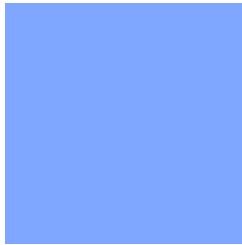
BF003C



400014

Previews

White Background



This preview shows how the Hex color 7FA7FF looks on a white background.

Color Contrast Check

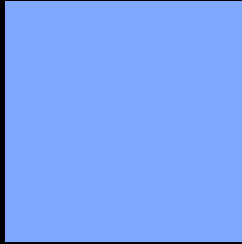
Large Text (above 18pt) WCAG AA × Fail

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 7FA7FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

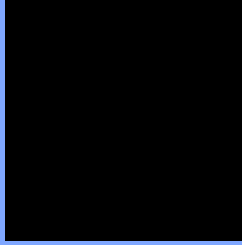
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

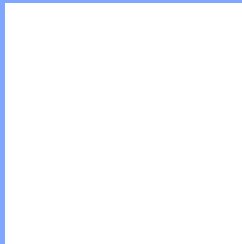
Any Text WCAG AAA ✓ Pass

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

Hex 7FA7FF Background



This preview shows how black text looks on a background with the Hex color 7FA7FF.



This preview shows how white text looks on a background with the Hex color 7FA7FF.

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](#).

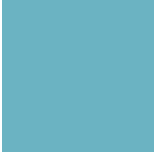
Dichromacy



Original Color
7FA7FF

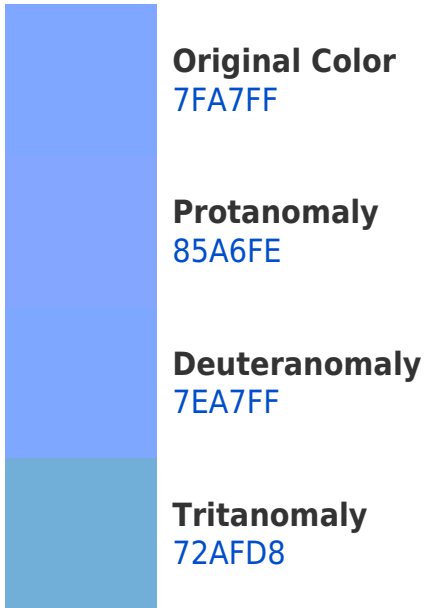
Protanopia
89A5FD

Deuteranopia
7EA7FF

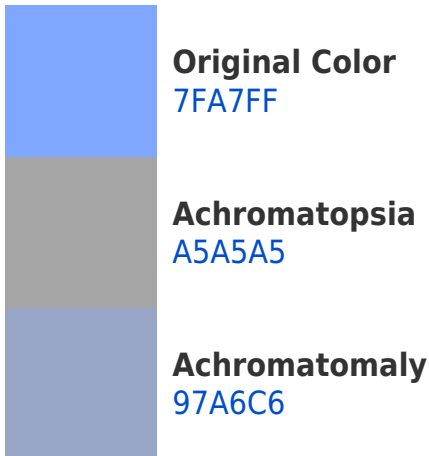


Tritanopia
6BB3C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7FA7FF 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 #7FA7FF looks like.

```
.text, #text, p{  
    color:#7FA7FF  
}
```

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 #7FA7FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FA7FF
}
```

Border

The CSS property to change the border of an element to Hex 7FA7FF 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
#7FA7FF }
```

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

```
.border{ border-color:#7FA7FF }
```

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

Here you see how a box with a 4 pixel #7FA7FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FA7FF; -webkit-box-shadow:4px 4px  
4px 4px #7FA7FF; box-shadow:4px 4px 4px  
4px #7FA7FF }
```

Background

The CSS property to change the background color of an element to Hex 7FA7FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FA7FF }
```

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

```
.background{ background-color:#7FA7FF }
```

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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