

Converting Colors

Hex(77A7FA)

Have a look what the booklet for
Hex(77A7FA) contains.

Hex(77A7FA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(77A7FA)

Conversions

Conversions Part 1

Format	Color
Hex	77A7FA
RGB	119, 167, 250
RGB Percent	47%, 65%, 98%
CMY	0.5333, 0.3451, 0.0196
CMYK	0.52, 0.33, 0.00, 0.02
HSL	218°, 93%, 72%
HSV	218°, 52%, 98%
XYZ	38.6818, 38.4615, 95.8275
YIQ	162.1100, -55.2510, 15.6370

Conversions

Conversions Part 2

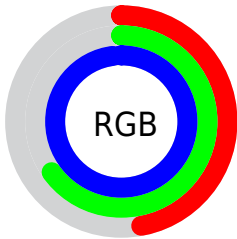
Format	Color
RYB	119, 154, 250
Decimal	7841786
CIELab	68.36, 6.91, -46.22
CIElCh	68, 46.731, 278.509
Yxy	38.4615, 0.2236, 0.2224
Android (android.graphics.Color)	4286031866 (0xFF77A7FA)
YUV	162.1100, 43.3298, -37.8075
Hunter-Lab	62.0173, 2.8046, -48.2012

Details

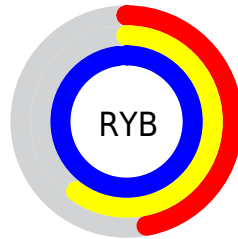
The Hex color **77A7FA** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FACA77**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **B2DEFF**, and **3973C1** is the 20% darker color. If you saturate the color by 10%, you get **5E97FA**, and if you desaturate by 10%, it is **90B7FA**.

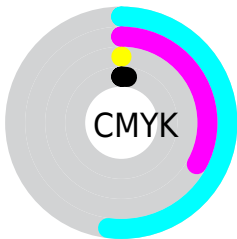
Distribution



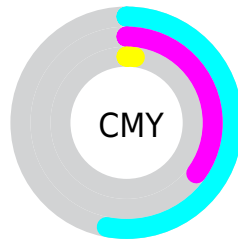
- Red (47%)
- Green (65%)
- Blue (98%)



- Red (47%)
- Yellow (60%)
- Blue (98%)



- Cyan (52%)
- Magenta (33%)
- Yellow (0%)
- Black (2%)



- Cyan (53%)
- Magenta (35%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77A7FA 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 77A7FA by changing the saturation by 10% instead.

 77A7FA

 77A7FA

FFFFFF

 598DDD

 B2DEFF

 3973C1

 CFFAFF

 065BA6

 EDFFFF

 00448B

 002F71

 001B58

 000740

 000329

 000113

■ 77A7FA

■ 77A7FA

■ 5E97FA

■ 90B7FA

■ 4587FA

■ A9C7FA

■ 2C77FA

■ C2D7FA

■ 1368FA

■ DBE6FA

■ 005CFA

■ F4F6FA

■ FFFFFA

Harmonies

Analogous

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



00B3F5



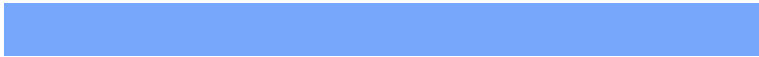
77A7FA



BA97E9

Triad

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



77A7FA



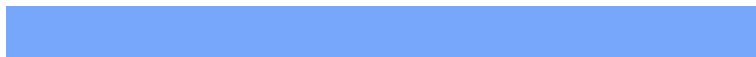
F18B74



4DBA86

Complementary

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



77A7FA



FACA77

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.



87B362



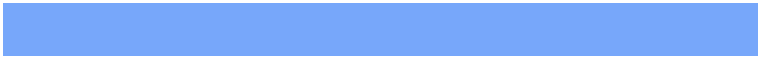
77A7FA



D99958

Square

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



77A7FA



F6849C



B5A851



00BCB2

Rectangle

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



77A7FA



D98DD3



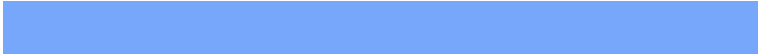
B5A851



63B879

Sweetspot

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



77A7FA



D6E5FF



77FACA



677080



000000



808080

Same Dimension

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



77A7FA



5E99FF



8877FA



70757D



0045BD



00163D

Inverse Universe

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



FA77A7



FF5E99



E9FA77



7D7075



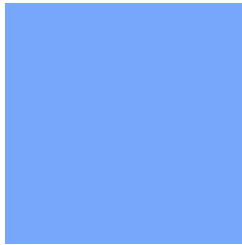
BD0045



3D0016

Previews

White Background



This preview shows how the Hex color 77A7FA looks on a white background.

Color Contrast Check

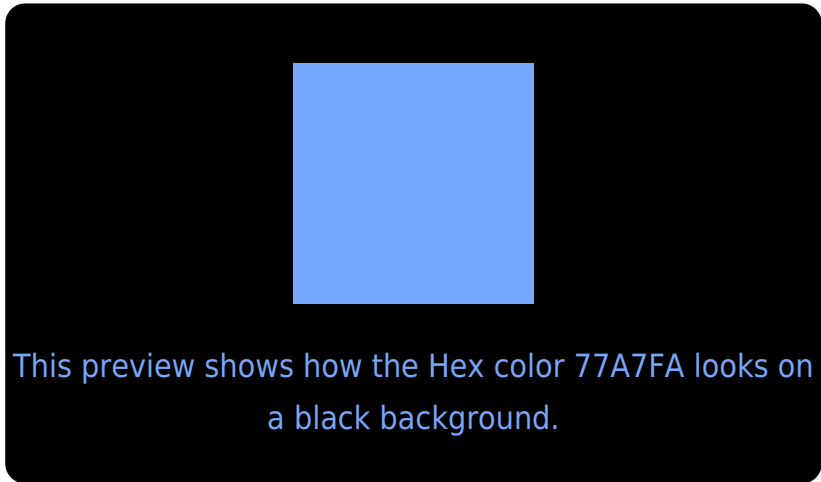
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

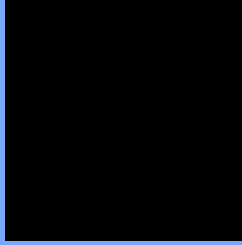
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

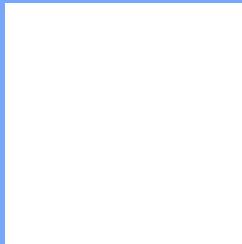
Any Text WCAG AAA ✓ Pass

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

Hex 77A7FA Background



This preview shows how black text looks on a background with the Hex color 77A7FA.



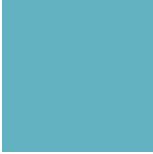
This preview shows how white text looks on a background with the Hex color 77A7FA.

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](#).

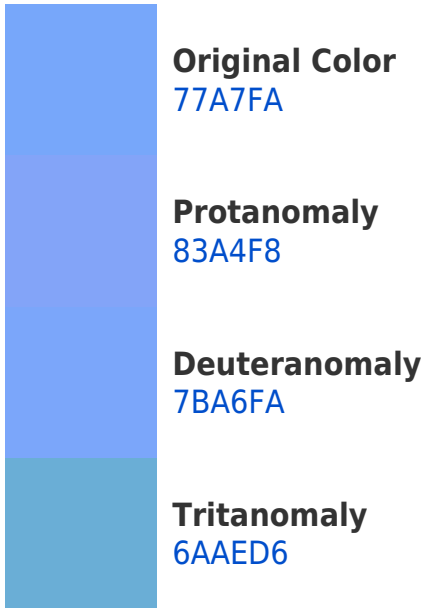
Dichromacy



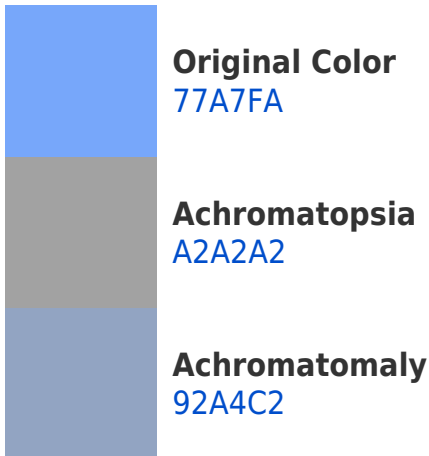


Tritanopia
63B2C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77A7FA 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 #77A7FA looks like.

```
.text, #text, p{  
    color:#77A7FA  
}
```

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 #77A7FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77A7FA
}
```

Border

The CSS property to change the border of an element to Hex 77A7FA 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
#77A7FA }
```

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

```
.border{ border-color:#77A7FA }
```

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

Here you see how a box with a 4 pixel #77A7FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77A7FA; -webkit-box-shadow:4px 4px  
4px 4px #77A7FA; box-shadow:4px 4px 4px  
4px #77A7FA }
```

Background

The CSS property to change the background color of an element to Hex 77A7FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77A7FA }
```

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

```
.background{ background-color:#77A7FA }
```

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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