

Converting Colors

Hex(77A0F7)

Have a look what the booklet for
Hex(77A0F7) contains.

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Color

Hex(77A0F7)

Conversions

Conversions Part 1

Format	Color
Hex	77A0F7
RGB	119, 160, 247
RGB Percent	47%, 63%, 97%
CMY	0.5333, 0.3725, 0.0314
CMYK	0.52, 0.35, 0.00, 0.03
HSL	221°, 89%, 72%
HSV	221°, 52%, 97%
XYZ	36.9671, 35.7790, 92.9533
YIQ	157.6590, -52.3630, 18.3650

Conversions

Conversions Part 2

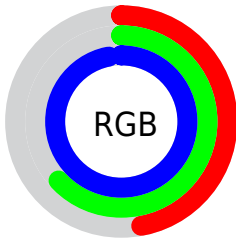
Format	Color
R _Y B	119, 150, 247
Decimal	7839991
CIE Lab	66.35, 10.01, -47.74
CIE LCh	66, 48.783, 281.846
Yxy	35.7790, 0.2231, 0.2159
Android (android.graphics.Color)	4286030071 (0xFF77A0F7)
YUV	157.6590, 44.0451, -33.9039
Hunter-Lab	59.8155, 5.6391, -50.2658

Details

The Hex color **77A0F7** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F7CE77**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **B1D6FF**, and **396DBE** is the 20% darker color. If you saturate the color by 10%, you get **5E8FF7**, and if you desaturate by 10%, it is **90B1F7**.

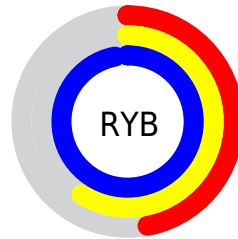
Distribution



Red (47%)

Green (63%)

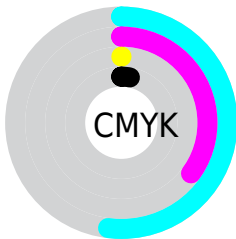
Blue (97%)



Red (47%)

Yellow (59%)

Blue (97%)

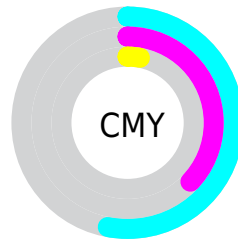


Cyan (52%)

Magenta (35%)

Yellow (0%)

Black (3%)



Cyan (53%)

Magenta (37%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77A0F7 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 77A0F7 by changing the saturation by 10% instead.

 77A0F7

 77A0F7

FFFFFF

 5986DA

 B1D6FF

 396DBE

 CFF3FF

 0955A3

 EDFFFF

 003E88

 00296E

 001655

 00063D

 000327

 000110

■ 77A0F7

■ 77A0F7

■ 5E8FF7

■ 90B1F7

■ 467EF7

■ A8C2F7

■ 2D6EF7

■ C1D2F7

■ 145DF7

■ DAE3F7

■ 004FF7

■ F3F4F7

■ FFFFF7

Harmonies

Analogous

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



00ADF4



77A0F7



BB8FE3

Triad

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



77A0F7



EC8669



35B685

Complementary

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



77A0F7



F7CE77

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.



7AAF5E



77A0F7



D1954D

Square

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



77A0F7



F47C92



AAA448



00B8B2

Rectangle

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



77A0F7



DA84CB



AAA448



52B476

Sweetspot

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



77A0F7



D6E3FF



77F7CC



676F80



000000



808080

Same Dimension

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



77A0F7



6194FF



8C77F7



6E727A



003CBA



00133B

Inverse Universe

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



F777A0



FF6194



E2F777



7A6E72



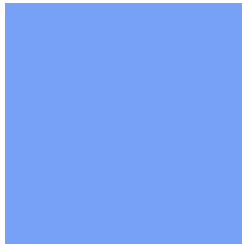
BA003C



3B0013

Previews

White Background



This preview shows how the Hex color 77A0F7 looks on a white background.

Color Contrast Check

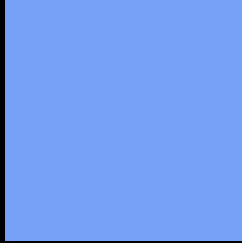
Large Text (above 18pt) WCAG AA × Fail

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 77A0F7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

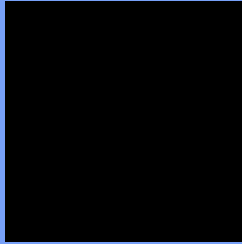
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

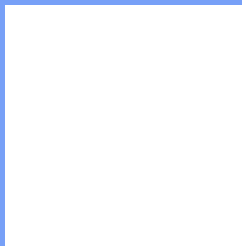
Any Text WCAG AAA ✓ Pass

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

Hex 77A0F7 Background



This preview shows how black text looks on a background with the Hex color 77A0F7.



This preview shows how white text looks on a background with the Hex color 77A0F7.

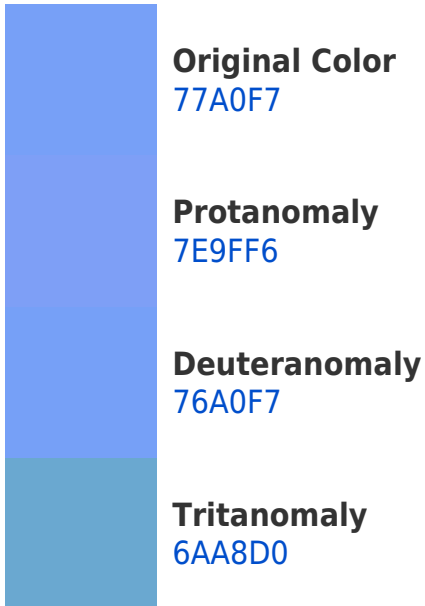
Color Blindness Simulation

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](#).

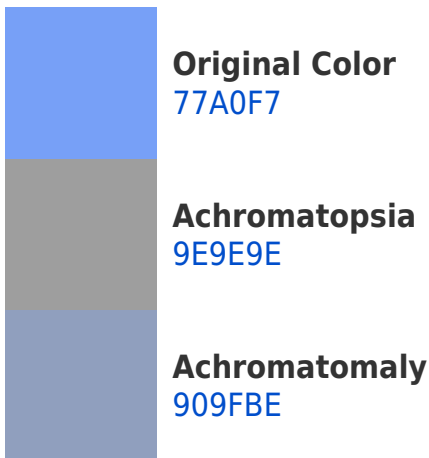
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77A0F7 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 #77A0F7 looks like.

```
.text, #text, p{  
    color:#77A0F7  
}
```

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 #77A0F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77A0F7
}
```

Border

The CSS property to change the border of an element to Hex 77A0F7 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
#77A0F7 }
```

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

```
.border{ border-color:#77A0F7 }
```

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

Here you see how a box with a 4 pixel #77A0F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77A0F7; -webkit-box-shadow:4px 4px  
4px 4px #77A0F7; box-shadow:4px 4px 4px  
4px #77A0F7 }
```

Background

The CSS property to change the background color of an element to Hex 77A0F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77A0F7 }
```

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

```
.background{ background-color:#77A0F7 }
```

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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