

Converting Colors

Hex(77D0FF)

Have a look what the booklet for
Hex(77D0FF) contains.

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Color

Hex(77D0FF)

Conversions

Conversions Part 1

Format	Color
Hex	77D0FF
RGB	119, 208, 255
RGB Percent	47%, 82%, 100%
CMY	0.5333, 0.1843, 0.0000
CMYK	0.53, 0.18, 0.00, 0.00
HSL	201°, 100%, 73%
HSV	201°, 53%, 100%
XYZ	48.2136, 56.2537, 102.9247
YIQ	186.7470, -68.1310, -4.2510

Conversions

Conversions Part 2

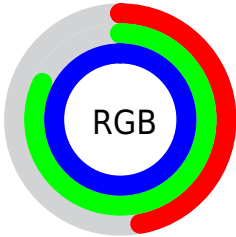
Format	Color
R _Y B	119, 173, 255
Decimal	7852287
CIE Lab	79.76, -13.99, -31.18
CIE LCh	80, 34.177, 245.840
Yxy	56.2537, 0.2325, 0.2712
Android (android.graphics.Color)	4286042367 (0xFF77D0FF)
YUV	186.7470, 33.6487, -59.4141
Hunter-Lab	75.0025, -16.5096, -28.8610

Details

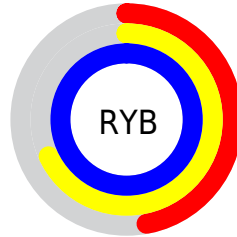
The Hex color **77D0FF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FFA677**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **B3FFFF**, and **369AC6** is the 20% darker color. If you saturate the color by 10%, you get **5EC7FF**, and if you desaturate by 10%, it is **91D9FF**.

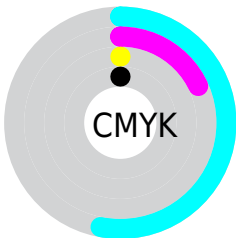
Distribution



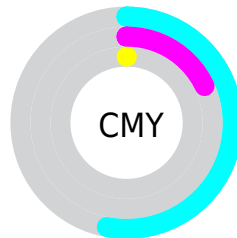
- Red (47%)
- Green (82%)
- Blue (100%)



- Red (47%)
- Yellow (68%)
- Blue (100%)



- Cyan (53%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (53%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77D0FF 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 77D0FF by changing the saturation by 10% instead.

 77D0FF

 77D0FF

FFFFFF

 58B4E2

 B3FFFF

 369AC6

 D1FFFF

 0080AB

 EFFFFFF

 006790

 004F76

 00385D

 002245

 00042F

 000119

■ 77D0FF

■ 77D0FF

■ 5EC7FF

■ 91D9FF

■ 44BEFF

■ AAE2FF

■ 2AB6FF

■ C3EAFF

■ 11ADFF

■ DDF3FF

■ 00A7FF

■ F7FCFF

FFFFFF

Harmonies

Analogous

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



5ED6EA



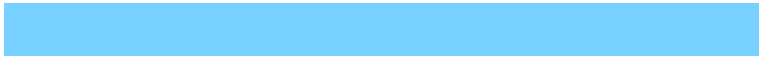
77D0FF



A5C7FF

Triad

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



77D0FF



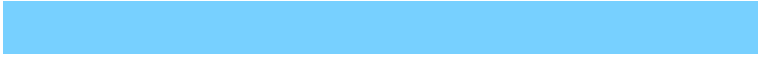
FFAEC1



B3CF91

Complementary

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



77D0FF



FFA677

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.



D6C686



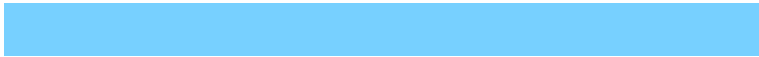
77D0FF



FFB2A2

Square

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



77D0FF



F4B2E0



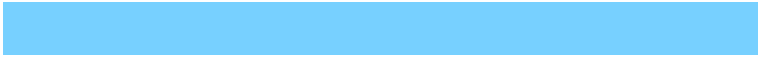
F2BB8C



8ED5AB

Rectangle

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



77D0FF



C4BFFF



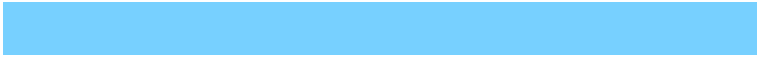
F2BB8C



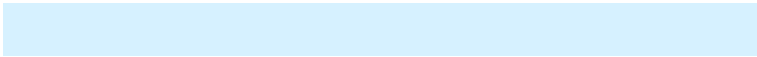
BFCC8C

Sweetspot

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



77D0FF



D6F1FF



77FFA4



677780



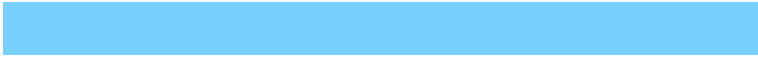
000000



808080

Same Dimension

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



77D0FF



5CC7FF



778EFF



737B80



007DBF



002A40

Inverse Universe

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



FF77D0



FF5CC7



FFE877



80737B



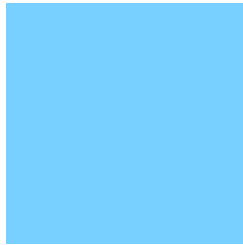
BF007D



40002A

Previews

White Background



This preview shows how the Hex color 77D0FF looks on a white background.

Color Contrast Check

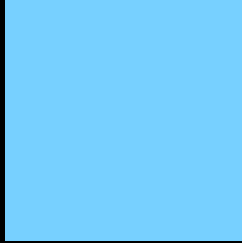
Large Text (above 18pt) WCAG AA × Fail

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 77D0FF 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

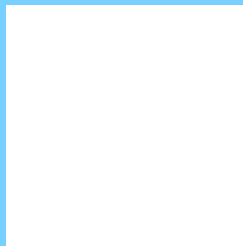
Any Text WCAG AAA ✓ Pass

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

Hex 77D0FF Background



This preview shows how black text looks on a background with the Hex color 77D0FF.

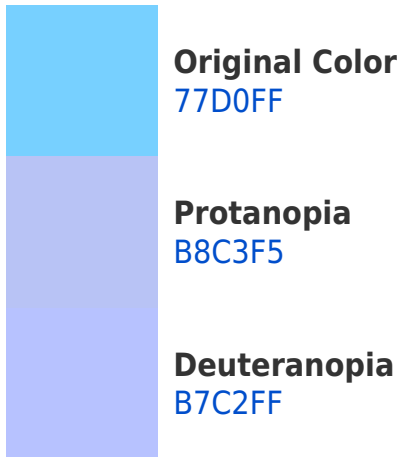


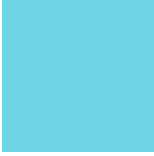
This preview shows how white text looks on a background with the Hex color 77D0FF.

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](#).

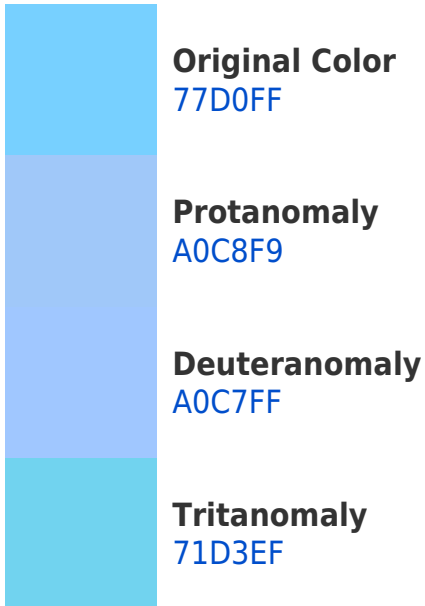
Dichromacy



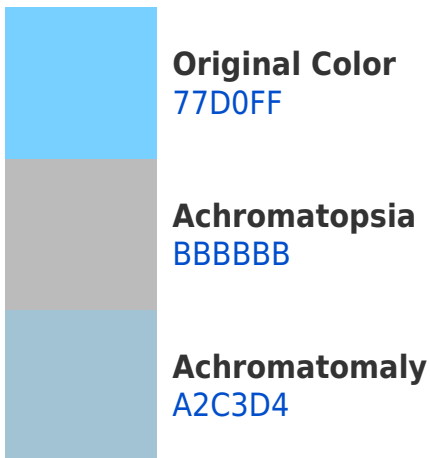


Tritanopia
6ED4E6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77D0FF 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 #77D0FF looks like.

```
.text, #text, p{  
    color:#77D0FF  
}
```

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 #77D0FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77D0FF
}
```

Border

The CSS property to change the border of an element to Hex 77D0FF 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
#77D0FF }
```

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

```
.border{ border-color:#77D0FF }
```

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

Here you see how a box with a 4 pixel #77D0FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77D0FF; -webkit-box-shadow:4px 4px  
4px 4px #77D0FF; box-shadow:4px 4px 4px  
4px #77D0FF }
```

Background

The CSS property to change the background color of an element to Hex 77D0FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77D0FF }
```

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

```
.background{ background-color:#77D0FF }
```

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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