

Converting Colors

Hex(75F0FB)

Have a look what the booklet for
Hex(75F0FB) contains.

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Color

Hex(75F0FB)

Conversions

Conversions Part 1

Format	Color
Hex	75F0FB
RGB	117, 240, 251
RGB Percent	46%, 94%, 98%
CMY	0.5412, 0.0588, 0.0157
CMYK	0.53, 0.04, 0.00, 0.02
HSL	185°, 94%, 72%
HSV	185°, 53%, 98%
XYZ	55.9088, 73.0671, 102.4234
YIQ	204.4770, -76.8390, -22.6550

Conversions

Conversions Part 2

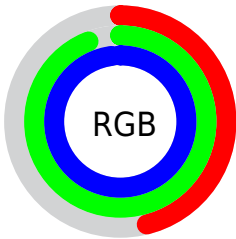
Format	Color
RYB	117, 181, 251
Decimal	7729403
CIELab	88.48, -31.40, -15.83
CIElCh	88, 35.167, 206.746
Yxy	73.0671, 0.2416, 0.3158
Android (android.graphics.Color)	4285919483 (0xFF75F0FB)
YUV	204.4770, 22.9358, -76.7173
Hunter-Lab	85.4793, -32.8387, -11.2072

Details

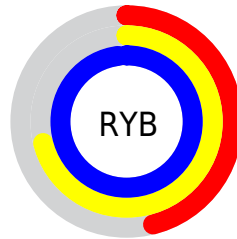
The Hex color **75F0FB** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FB8075**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **B2FFFF**, and **2FB8C2** is the 20% darker color. If you saturate the color by 10%, you get **5CEEFB**, and if you desaturate by 10%, it is **8EF2FB**.

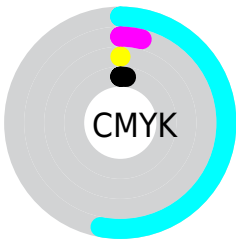
Distribution



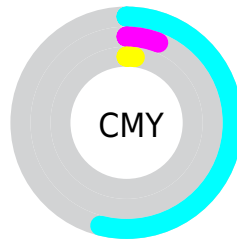
- Red (46%)
- Green (94%)
- Blue (98%)



- Red (46%)
- Yellow (71%)
- Blue (98%)



- Cyan (53%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)



- Cyan (54%)
- Magenta (6%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75F0FB 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 75F0FB by changing the saturation by 10% instead.

 75F0FB

 75F0FB

FFFFFF

 55D3DE

 B2FFFF

 2FB8C2

 D1FFFF

 009CA7

 EFFFFFF

 00828D

 006873

 00505B

 003843

 00242D

 000119

 75F0FB

 75F0FB

 5CEEFB


 8EF2FB

 43ECFB

 A7F4FB

 2AEAFB

 C0F6FB

 11E8FB

 D9F8FB

 00E6FB

 F3FAFB

 FFFCFB

 FFFEFB

 FFFFFB

Harmonies

Analogous

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



8BF0D9



75F0FB



83EBFF

Triad

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



75F0FB



FFCCFF



F9DB9B

Complementary

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



75F0FB



FB8075

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.



FFCFA7



75F0FB



FFC6E3

Square

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



75F0FB



DED7FF



FFC7C2



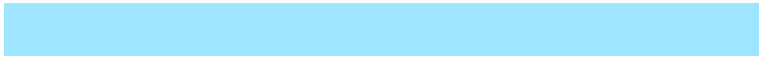
D6E5A2

Rectangle

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



75F0FB



9EE6FF



FFC7C2



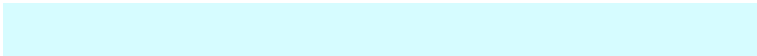
FFD79D

Sweetspot

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



75F0FB



D6FCFF



75FB7E



677E80



000000



808080

Same Dimension

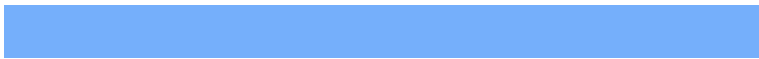
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75F0FB



5CF2FF



75AFFB



707C7D



00ADB8



00383D

Inverse Universe

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



FB75F0



FF5CF2



FBC175



7D707C



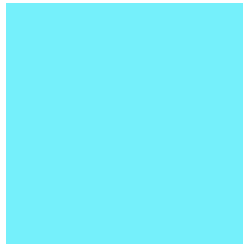
BD00AD



3D0038

Previews

White Background



This preview shows how the Hex color 75F0FB looks on a white background.

Color Contrast Check

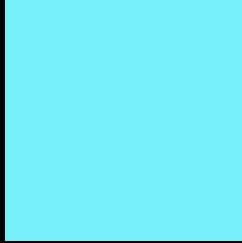
Large Text (above 18pt) WCAG AA × Fail

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 75F0FB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

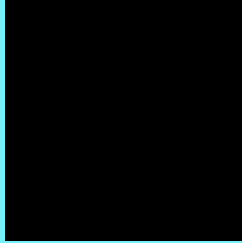
Any Text WCAG AA ✓ Pass

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 75F0FB Background



This preview shows how black text looks on a background with the Hex color 75F0FB.

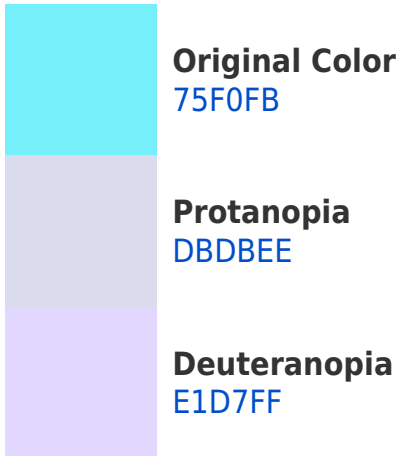


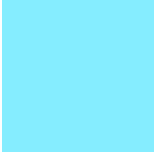
This preview shows how white text looks on a background with the Hex color 75F0FB.

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



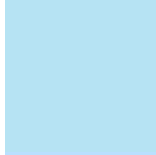


Tritanopia
85EDFF

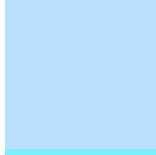
Trichromacy



Original Color
75F0FB



Protanomaly
B6E3F3



Deuteranomaly
BAE0FE

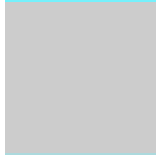


Tritanomaly
7FEEFE

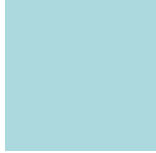
Monochromacy



Original Color
75F0FB



Achromatopsia
CCCCCC



Achromatomaly
ACD9DD

CSS Examples

Text

The CSS property to change the color of the text to Hex 75F0FB 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 #75F0FB looks like.

```
.text, #text, p{  
    color:#75F0FB  
}
```

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 #75F0FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75F0FB  
}
```

Border

The CSS property to change the border of an element to Hex 75F0FB 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  
#75F0FB }
```

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

```
.border{ border-color:#75F0FB }
```

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

Here you see how a box with a 4 pixel #75F0FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75F0FB; -webkit-box-shadow:4px 4px  
4px 4px #75F0FB; box-shadow:4px 4px 4px  
4px #75F0FB }
```

Background

The CSS property to change the background color of an element to Hex 75F0FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75F0FB }
```

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

```
.background{ background-color:#75F0FB }
```

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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