

Converting Colors

Hex(74EBFF)

Have a look what the booklet for
Hex(74EBFF) contains.

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Color

Hex(74EBFF)

Conversions

Conversions Part 1

Format	Color
Hex	74EBFF
RGB	116, 235, 255
RGB Percent	45%, 92%, 100%
CMY	0.5451, 0.0784, 0.0000
CMYK	0.55, 0.08, 0.00, 0.00
HSL	189°, 100%, 73%
HSV	189°, 55%, 100%
XYZ	54.9608, 70.3497, 105.2898
YIQ	201.6990, -77.3440, -19.0080

Conversions

Conversions Part 2

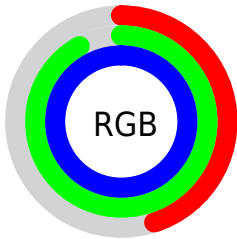
Format	Color
RYB	116, 180, 255
Decimal	7662591
CIELab	87.17, -28.13, -19.90
CIELCh	87, 34.459, 215.273
Yxy	70.3497, 0.2383, 0.3051
Android (android.graphics.Color)	4285852671 (0xFF74EBFF)
YUV	201.6990, 26.2774, -75.1580
Hunter-Lab	83.8747, -29.8146, -15.7158

Details

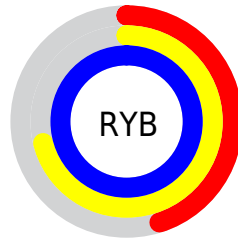
The Hex color **74EBFF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FF8874**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **B1FFFF**, and **2DB3C6** is the 20% darker color. If you saturate the color by 10%, you get **5AE7FF**, and if you desaturate by 10%, it is **8EEFFF**.

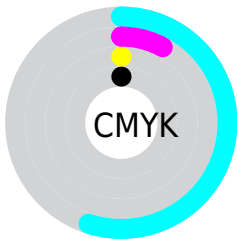
Distribution



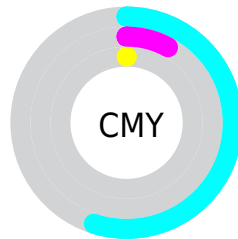
- Red (45%)
- Green (92%)
- Blue (100%)



- Red (45%)
- Yellow (71%)
- Blue (100%)



- Cyan (55%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (55%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74EBFF 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 74EBFF by changing the saturation by 10% instead.

 74EBFF

FFFFFF

 B1FFFF

 D0FFFF

 EEEFFF

 74EBFF

 54CFE2

 2DB3C6

 0098AB

 007E90

 006477

 004C5E

 003546

 002130

 00011B

 74EBFF

 74EBFF

 5AE7FF

 8EEFFF

 41E4FF

 A7F2FF

 27E0FF

 C1F6FF

 0EDCFF

 DAFAFF

 00DAFF

 F3FDFF

FFFFFF

Harmonies

Analogous

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



81EDDF



74EBFF



8CE5FF

Triad

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



74EBFF



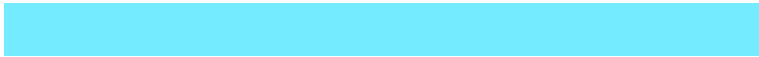
FFC6F6



ECDA99

Complementary

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



74EBFF



FF8874

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.



FFCFA0



74EBFF



FFC2D6

Square

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



74EBFF



E7D0FF



FFC6B6



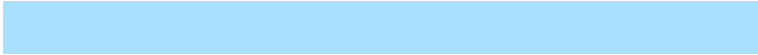
C8E4A4

Rectangle

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



74EBFF



A9DFFF



FFC6B6



F7D699

Sweetspot

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



74EBFF



D6F9FF



74FF87



677C80



000000



808080

Same Dimension

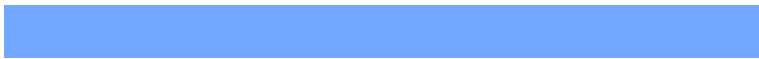
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74EBFF



59E7FF



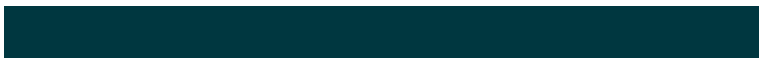
74A7FF



737E80



00A4BF



003740

Inverse Universe

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



FF74EB



FF59E7



FFCC74



80737E



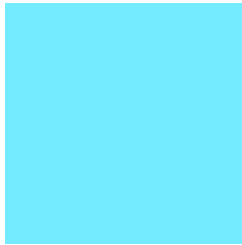
BF00A4



400037

Previews

White Background



This preview shows how the Hex color 74EBFF looks on a white background.

Color Contrast Check

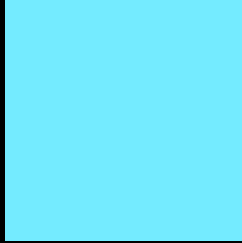
Large Text (above 18pt) WCAG AA × Fail

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 74EBFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

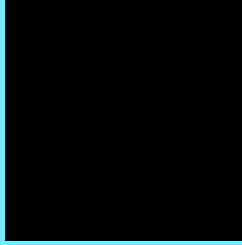
Any Text WCAG AA ✓ Pass

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 74EBFF Background



This preview shows how black text looks on a background with the Hex color 74EBFF.

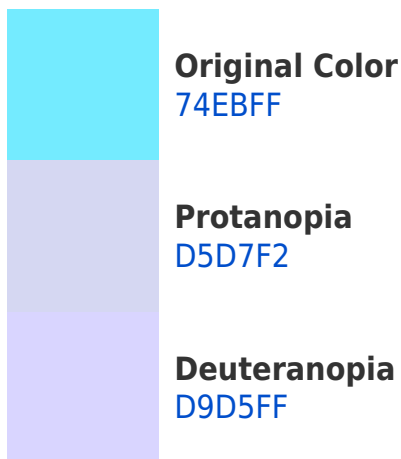


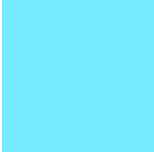
This preview shows how white text looks on a background with the Hex color 74EBFF.

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
74EBFE

Trichromacy



Original Color

74EBFF



Protanomaly

B2DEF7



Deuteranomaly

B4DDFF



Tritanomaly

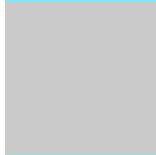
74EBFE

Monochromacy



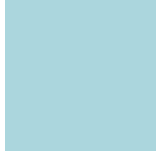
Original Color

74EBFF



Achromatopsia

CACACA



Achromatomaly

ABD6DD

CSS Examples

Text

The CSS property to change the color of the text to Hex 74EBFF 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 #74EBFF looks like.

```
.text, #text, p{  
    color:#74EBFF  
}
```

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 #74EBFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74EBFF
}
```

Border

The CSS property to change the border of an element to Hex 74EBFF 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
#74EBFF }
```

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

```
.border{ border-color:#74EBFF }
```

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

Here you see how a box with a 4 pixel #74EBFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74EBFF; -webkit-box-shadow:4px 4px  
4px 4px #74EBFF; box-shadow:4px 4px 4px  
4px #74EBFF }
```

Background

The CSS property to change the background color of an element to Hex 74EBFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74EBFF }
```

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

```
.background{ background-color:#74EBFF }
```

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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