

Converting Colors

Hex(74D9FF)

Have a look what the booklet for
Hex(74D9FF) contains.

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Color

Hex(74D9FF)

Conversions

Conversions Part 1

Format	Color
Hex	74D9FF
RGB	116, 217, 255
RGB Percent	45%, 85%, 100%
CMY	0.5451, 0.1490, 0.0000
CMYK	0.55, 0.15, 0.00, 0.00
HSL	196°, 100%, 73%
HSV	196°, 55%, 100%
XYZ	50.0653, 60.5587, 103.6580
YIQ	191.1330, -72.3940, -9.5940

Conversions

Conversions Part 2

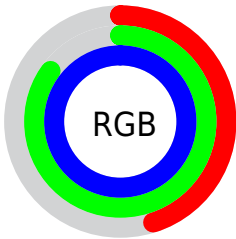
Format	Color
R _Y B	116, 174, 255
Decimal	7657983
CIE Lab	82.14, -19.22, -27.54
CIE LCh	82, 33.582, 235.091
Yxy	60.5587, 0.2336, 0.2826
Android (android.graphics.Color)	4285848063 (0xFF74D9FF)
YUV	191.1330, 31.4864, -65.8916
Hunter-Lab	77.8195, -21.3458, -24.5025

Details

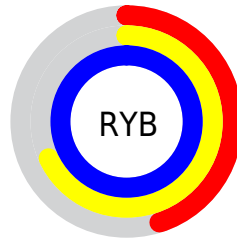
The Hex color **74D9FF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FF9A74**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **B0FFFF**, and **30A2C6** is the 20% darker color. If you saturate the color by 10%, you get **5AD2FF**, and if you desaturate by 10%, it is **8EE0FF**.

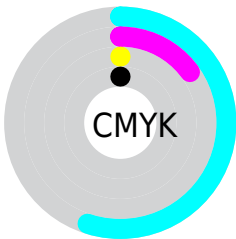
Distribution



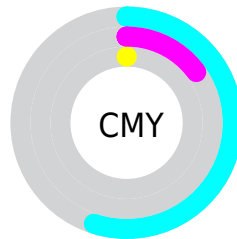
- Red (45%)
- Green (85%)
- Blue (100%)



- Red (45%)
- Yellow (68%)
- Blue (100%)



- Cyan (55%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (55%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74D9FF 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 74D9FF by changing the saturation by 10% instead.

 74D9FF

 74D9FF

FFFFFF

 54BDE2

 B0FFFF

 30A2C6

 CEFFFF

 0088AB

 EDFFFF

 006E90

 005676

 003E5E

 002846

 00112F

 00011A

 74D9FF

 74D9FF

 5AD2FF

 8EE0FF

 41CBFF

 A7E7FF

 27C4FF

 C1EEFF

 0EBDFF

 DAF5FF

 00B9FF

 F3FCFF

FFFFFF

Harmonies

Analogous

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



69DDE6



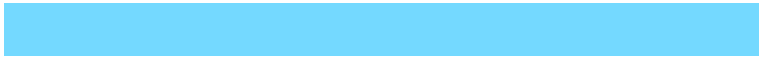
74D9FF



9CD1FF

Triad

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



74D9FF



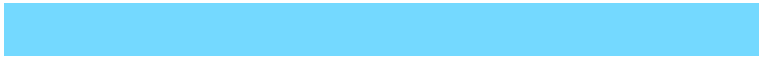
FFB5D3



C7D293

Complementary

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



74D9FF



FF9A74

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.



E7C98E



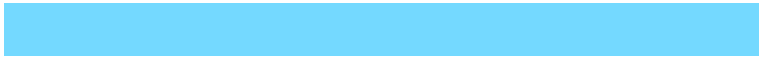
74D9FF



FFB6B3

Square

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



74D9FF



F0BBF1



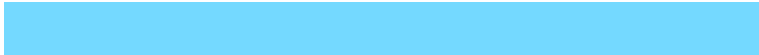
FFBE9A



A3DAA7

Rectangle

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



74D9FF



BBCAFF



FFBE9A



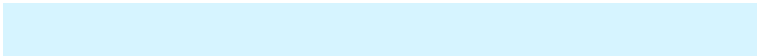
D2CF8F

Sweetspot

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



74D9FF



D6F4FF



74FF99



677980



000000



808080

Same Dimension

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



74D9FF



59D2FF



7494FF



737C80



008BBF



002E40

Inverse Universe

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



FF74D9



FF59D2



FFDF74



80737C



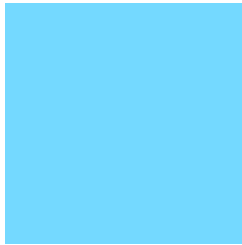
BF008B



40002E

Previews

White Background



This preview shows how the Hex color 74D9FF looks on a white background.

Color Contrast Check

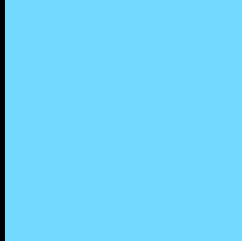
Large Text (above 18pt) WCAG AA × Fail

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 74D9FF 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 74D9FF Background



This preview shows how black text looks on a background with the Hex color 74D9FF.

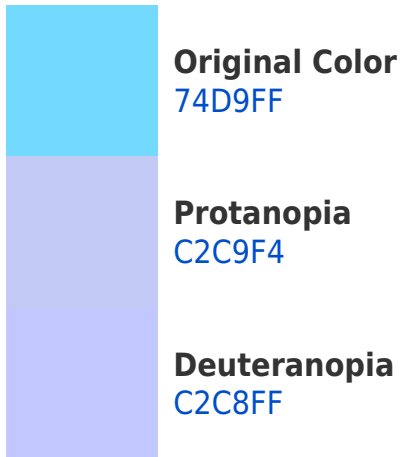


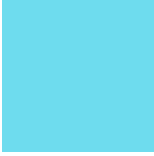
This preview shows how white text looks on a background with the Hex color 74D9FF.

Color Blindness Simulation

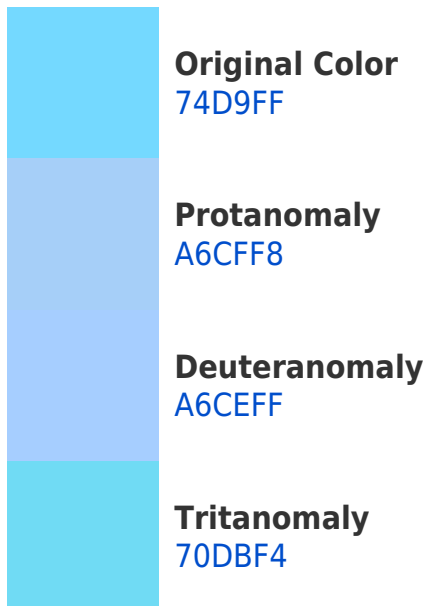
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

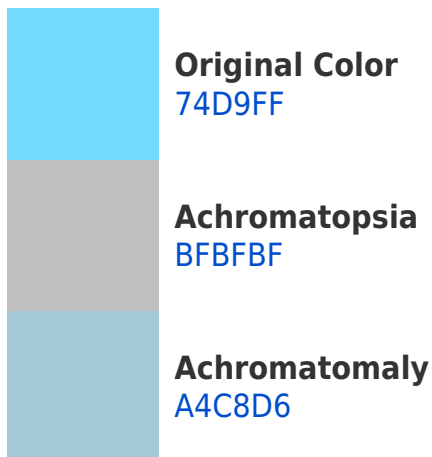




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 74D9FF 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 #74D9FF looks like.

```
.text, #text, p{  
    color:#74D9FF  
}
```

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 #74D9FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74D9FF
}
```

Border

The CSS property to change the border of an element to Hex 74D9FF 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
#74D9FF }
```

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

```
.border{ border-color:#74D9FF }
```

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

Here you see how a box with a 4 pixel #74D9FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74D9FF; -webkit-box-shadow:4px 4px  
4px 4px #74D9FF; box-shadow:4px 4px 4px  
4px #74D9FF }
```

Background

The CSS property to change the background color of an element to Hex 74D9FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74D9FF }
```

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

```
.background{ background-color:#74D9FF }
```

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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