

Converting Colors

Hex(74A9FC)

Have a look what the booklet for
Hex(74A9FC) contains.

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Color

Hex(74A9FC)

Conversions

Conversions Part 1

Format	Color
Hex	74A9FC
RGB	116, 169, 252
RGB Percent	45%, 66%, 99%
CMY	0.5451, 0.3373, 0.0118
CMYK	0.54, 0.33, 0.00, 0.01
HSL	217°, 96%, 72%
HSV	217°, 54%, 99%
XYZ	38.9611, 39.1172, 97.5924
YIQ	162.6150, -58.2310, 14.5770

Conversions

Conversions Part 2

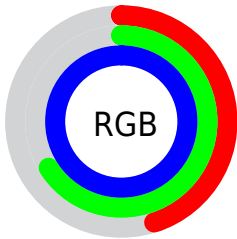
Format	Color
R _Y B	116, 154, 252
Decimal	7645692
CIE Lab	68.84, 5.75, -46.56
CIE LCh	69, 46.918, 277.039
Yxy	39.1172, 0.2218, 0.2227
Android (android.graphics.Color)	4285835772 (0xFF74A9FC)
YUV	162.6150, 44.0668, -40.8814
Hunter-Lab	62.5438, 1.7435, -48.7346

Details

The Hex color **74A9FC** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FCC774**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **AFE0FF**, and **3475C3** is the 20% darker color. If you saturate the color by 10%, you get **5B9AFC**, and if you desaturate by 10%, it is **8DB8FC**.

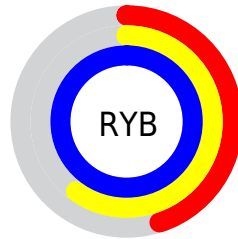
Distribution



Red (45%)

Green (66%)

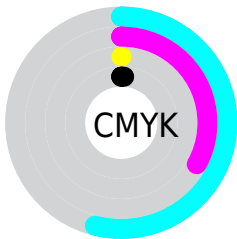
Blue (99%)



Red (45%)

Yellow (60%)

Blue (99%)

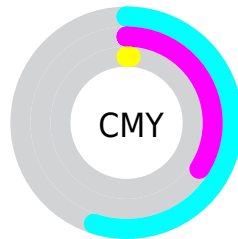


Cyan (54%)

Magenta (33%)

Yellow (0%)

Black (1%)



Cyan (55%)

Magenta (34%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74A9FC 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 74A9FC by changing the saturation by 10% instead.

 74A9FC

 74A9FC

FFFFFF

 558FDF

 AFE0FF

 3475C3

 CDFCFF

 005DA7

 EBFFFF

 00468D

 003073

 001C5A

 000642

 00032B

 000115

 74A9FC

 74A9FC

 5B9AFC

 8DB8FC

 428AFC

 A6C8FC

 287BFC

 C0D7FC

 0F6BFC

 D9E7FC

 0062FC

 F2F6FC

FFFFFFC

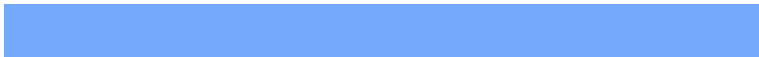
Harmonies

Analogous

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



00B5F5



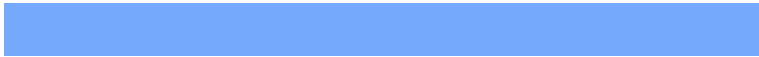
74A9FC



B999EC

Triad

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



74A9FC



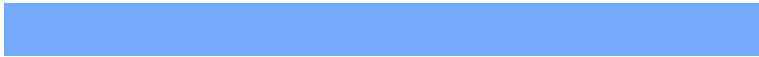
F48C77



51BB85

Complementary

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



74A9FC



FCC774

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.



8BB462



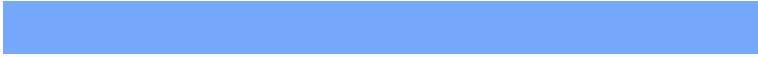
74A9FC



DC9A5A

Square

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



74A9FC



F8859F



B8A951



00BEB1

Rectangle

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



74A9FC



D98FD7



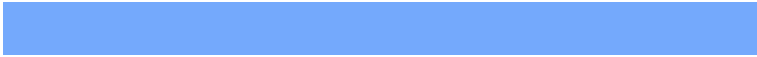
B8A951



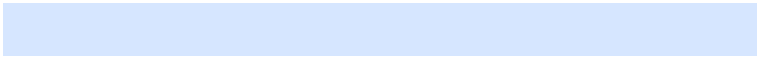
67B978

Sweetspot

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



74A9FC



D6E6FF



74FCC6



677180



000000



808080

Same Dimension

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



74A9FC



599AFF



8274FC



70757D



004ABD



00183D

Inverse Universe

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



FC74A9



FF599A



EEFC74



7D7075



BD004A



3D0018

Previews

White Background



This preview shows how the Hex color 74A9FC looks on a white background.

Color Contrast Check

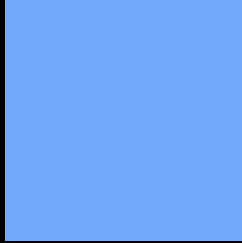
Large Text (above 18pt) WCAG AA × Fail

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 74A9FC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

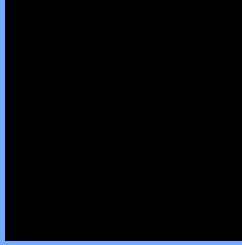
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

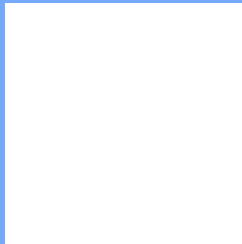
Any Text WCAG AAA ✓ Pass

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

Hex 74A9FC Background



This preview shows how black text looks on a background with the Hex color 74A9FC.



This preview shows how white text looks on a background with the Hex color 74A9FC.

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](#).

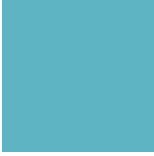
Dichromacy



Original Color
74A9FC

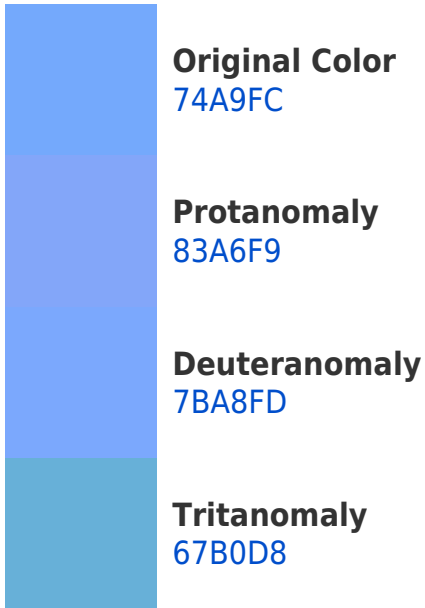
Protanopia
8BA4F8

Deuteranopia
7FA7FD

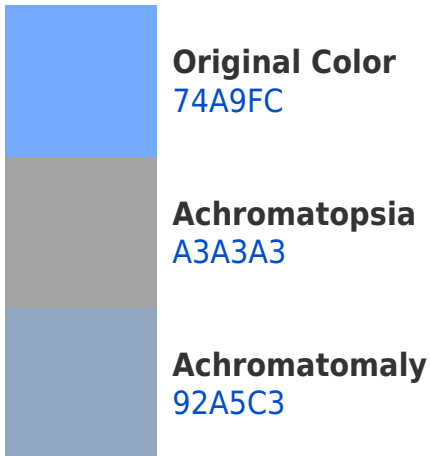


Tritanopia
5FB4C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 74A9FC 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 #74A9FC looks like.

```
.text, #text, p{  
    color:#74A9FC  
}
```

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 #74A9FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74A9FC  
}
```

Border

The CSS property to change the border of an element to Hex 74A9FC 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  
#74A9FC }
```

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

```
.border{ border-color:#74A9FC }
```

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

Here you see how a box with a 4 pixel #74A9FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74A9FC; -webkit-box-shadow:4px 4px  
4px 4px #74A9FC; box-shadow:4px 4px 4px  
4px #74A9FC }
```

Background

The CSS property to change the background color of an element to Hex 74A9FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74A9FC }
```

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

```
.background{ background-color:#74A9FC }
```

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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