

Converting Colors

Hex(74A9FF)

Have a look what the booklet for
Hex(74A9FF) contains.

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Color

Hex(74A9FF)

Conversions

Conversions Part 1

Format	Color
Hex	74A9FF
RGB	116, 169, 255
RGB Percent	45%, 66%, 100%
CMY	0.5451, 0.3373, 0.0000
CMYK	0.55, 0.34, 0.00, 0.00
HSL	217°, 100%, 73%
HSV	217°, 55%, 100%
XYZ	39.4404, 39.3089, 100.1164
YIQ	162.9570, -59.1940, 15.5100

Conversions

Conversions Part 2

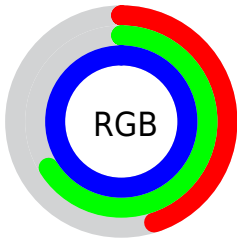
Format	Color
RYB	116, 154, 255
Decimal	7645695
CIELab	68.97, 6.67, -47.97
CIElCh	69, 48.435, 277.915
Yxy	39.3089, 0.2205, 0.2198
Android (android.graphics.Color)	4285835775 (0xFF74A9FF)
YUV	162.9570, 45.3772, -41.1813
Hunter-Lab	62.6968, 2.5687, -50.7884

Details

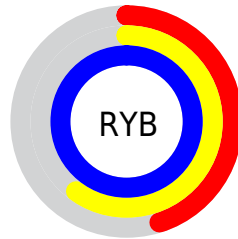
The Hex color **74A9FF** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FFCA74**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **AFE0FF**, and **3375C6** is the 20% darker color. If you saturate the color by 10%, you get **5A99FF**, and if you desaturate by 10%, it is **8EB9FF**.

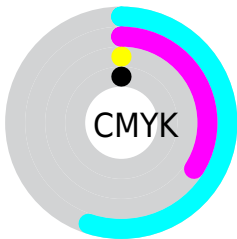
Distribution



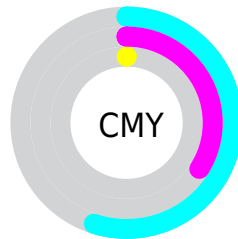
- Red (45%)
- Green (66%)
- Blue (100%)



- Red (45%)
- Yellow (60%)
- Blue (100%)



- Cyan (55%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)



- Cyan (55%)
- Magenta (34%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74A9FF 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 74A9FF by changing the saturation by 10% instead.

 74A9FF

 74A9FF

FFFFFF

 558FE2

 AFE0FF

 3375C6

 CDFCFF

 005DAA

 EBFFFF

 00468F

 003075

 001D5C

 000644

 00032D

 000117

 74A9FF

 74A9FF

 5A99FF

 8EB9FF

 4189FF

 A7C9FF

 277AFF

 C1D8FF

 0E6AFF

 DAE8FF

 0061FF

 F3F8FF

FFFFFF

Harmonies

Analogous

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



00B6F9



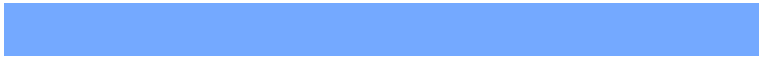
74A9FF



BB98EE

Triad

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



74A9FF



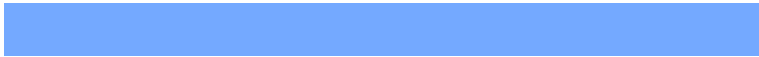
F68B75



4BBC86

Complementary

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



74A9FF



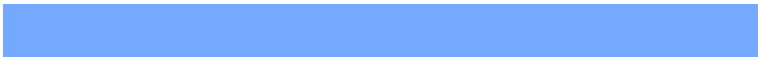
FFCA74

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.



89B561



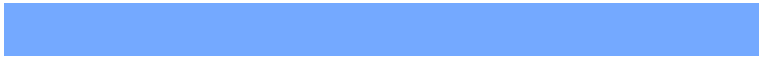
74A9FF



DD9A57

Square

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



74A9FF



FB849E



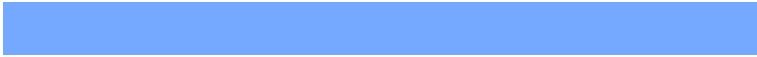
B8AA4E



00FBF3

Rectangle

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



74A9FF



DC8DD8



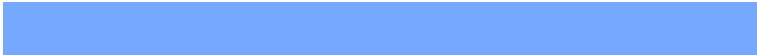
B8AA4E



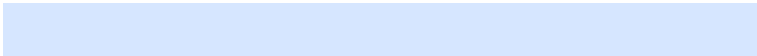
63BA78

Sweetspot

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



74A9FF



D6E6FF



74FFCA



677180



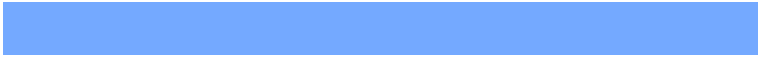
000000



808080

Same Dimension

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



74A9FF



5998FF



8474FF



737880



0049BF



001840

Inverse Universe

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



FF74A9



FF5998



FFFF74



807378



BF0049



400018

Previews

White Background



This preview shows how the Hex color 74A9FF looks on a white background.

Color Contrast Check

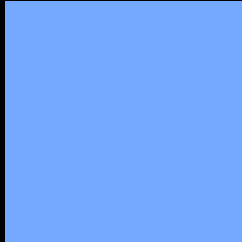
Large Text (above 18pt) WCAG AA × Fail

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 74A9FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

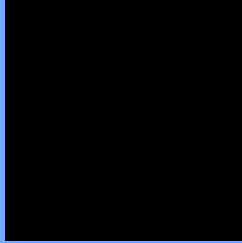
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

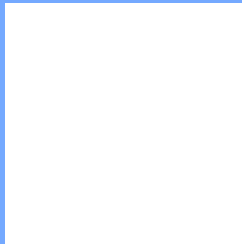
Any Text WCAG AAA ✓ Pass

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

Hex 74A9FF Background



This preview shows how black text looks on a background with the Hex color 74A9FF.

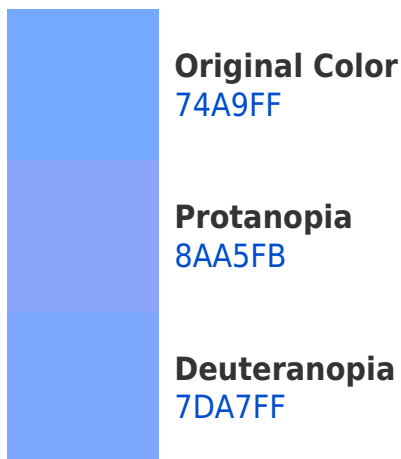


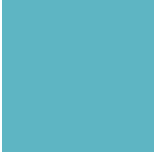
This preview shows how white text looks on a background with the Hex color 74A9FF.

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](#).

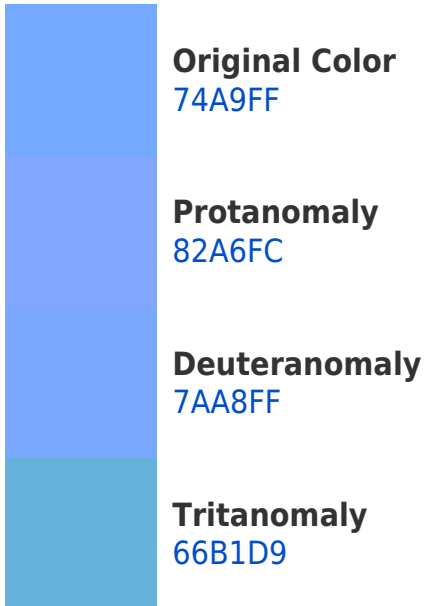
Dichromacy



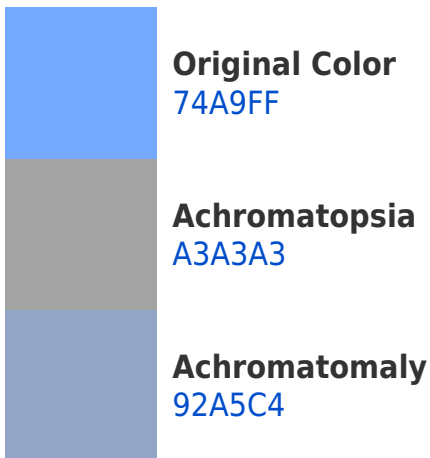


Tritanopia
5EB5C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 74A9FF 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 #74A9FF looks like.

```
.text, #text, p{  
    color:#74A9FF  
}
```

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 #74A9FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74A9FF
}
```

Border

The CSS property to change the border of an element to Hex 74A9FF 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
#74A9FF }
```

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

```
.border{ border-color:#74A9FF }
```

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

Here you see how a box with a 4 pixel #74A9FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74A9FF; -webkit-box-shadow:4px 4px  
4px 4px #74A9FF; box-shadow:4px 4px 4px  
4px #74A9FF }
```

Background

The CSS property to change the background color of an element to Hex 74A9FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74A9FF }
```

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

```
.background{ background-color:#74A9FF }
```

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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