

Converting Colors

Hex(71A9FF)

Have a look what the booklet for
Hex(71A9FF) contains.

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Color

Hex(71A9FF)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 71A9FF |
| RGB | 113, 169, 255 |
| RGB Percent | 44%, 66%, 100% |
| CMY | 0.5569, 0.3373, 0.0000 |
| CMYK | 0.56, 0.34, 0.00, 0.00 |
| HSL | 216°, 100%, 72% |
| HSV | 216°, 56%, 100% |
| XYZ | 39.0480, 39.1066, 100.0980 |
| YIQ | 162.0600, -60.9820, 14.8740 |

Conversions

Conversions Part 2

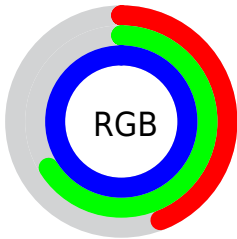
| Format | Color |
|-------------------------------------|---|
| RYB | 113, 153, 255 |
| Decimal | 7449087 |
| CIELab | 68.83, 6.06, -48.21 |
| CIElCh | 69, 48.593, 277.162 |
| Yxy | 39.1066, 0.2191, 0.2194 |
| Android (android.graphics.Color) | 4285639167 (0xFF71A9FF) |
| YUV | 162.0600, 45.8194, -43.0256 |
| Hunter-Lab | 62.5353, 2.0214, -51.1287 |

Details

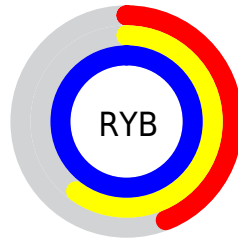
The Hex color **71A9FF** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FFC771**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **ADE0FF**, and **2E75C6** is the 20% darker color. If you saturate the color by 10%, you get **589AFF**, and if you desaturate by 10%, it is **8BB8FF**.

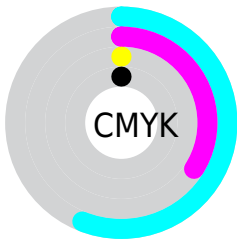
Distribution



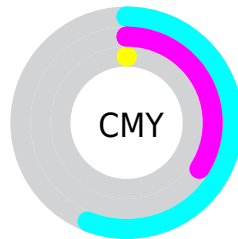
- Red (44%)
- Green (66%)
- Blue (100%)



- Red (44%)
- Yellow (60%)
- Blue (100%)



- Cyan (56%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)



- Cyan (56%)
- Magenta (34%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71A9FF 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 71A9FF by changing the saturation by 10% instead.

 71A9FF

 71A9FF

FFFFFF

 528FE2

 ADE0FF

 2E75C6

 CBF0FF

 005DAA

 E9FFFF

 00468F

 003075

 001D5C

 000744

 00032D

 000117

 71A9FF

 71A9FF

 589AFF

 8BB8FF

 3E8AFF

 A4C8FF

 247BFF

 BED7FF

 0B6BFF

 D7E7FF

 0065FF

 F1F6FF

FFFFFF

Harmonies

Analogous

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



00B6F8



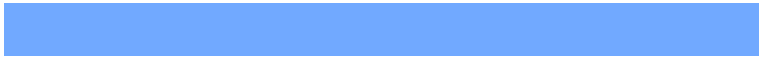
71A9FF



B998EE

Triad

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



71A9FF



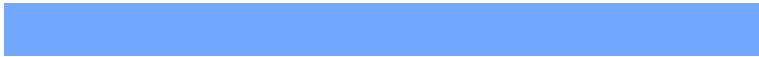
F68A75



4CBC84

Complementary

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



71A9FF



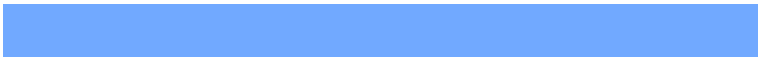
FFC771

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.



89B55F



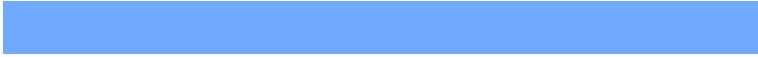
71A9FF



DE9957

Square

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



71A9FF



FA839F



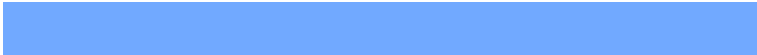
B8A94E



00BEB1

Rectangle

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



71A9FF



DA8DD8



B8A94E



64BA76

Sweetspot

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



71A9FF



D4E5FF



71FFC6



667080



000000



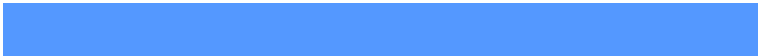
808080

Same Dimension

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



71A9FF



5498FF



7F71FF



737880



004BBF



001940

Inverse Universe

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



FF71A9



FF5498



F1FF71



807378



BF004B



400019

Previews

White Background



This preview shows how the Hex color 71A9FF 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 71A9FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

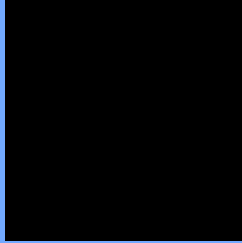
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

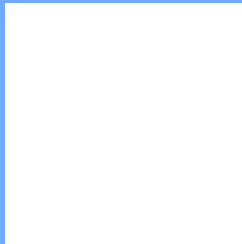
Any Text WCAG AAA ✓ Pass

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

Hex 71A9FF Background



This preview shows how black text looks on a background with the Hex color 71A9FF.

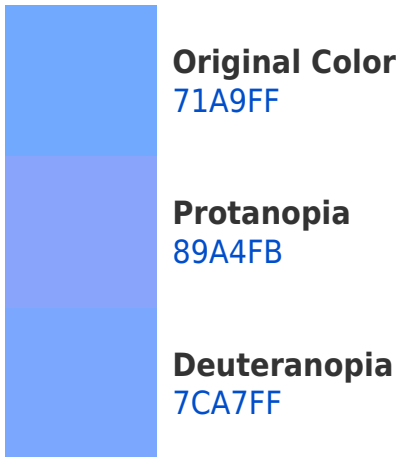


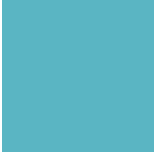
This preview shows how white text looks on a background with the Hex color 71A9FF.

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](#).

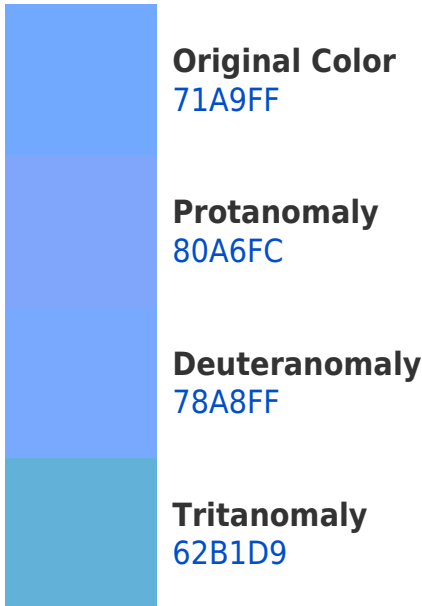
Dichromacy



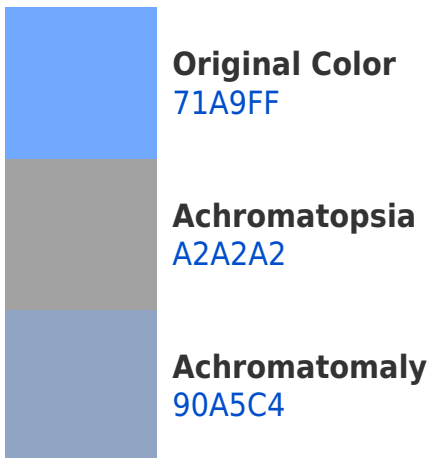


Tritanopia
5AB5C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71A9FF 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 #71A9FF looks like.

```
.text, #text, p{  
    color:#71A9FF  
}
```

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 #71A9FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71A9FF
}
```

Border

The CSS property to change the border of an element to Hex 71A9FF 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
#71A9FF }
```

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

```
.border{ border-color:#71A9FF }
```

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

Here you see how a box with a 4 pixel #71A9FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71A9FF; -webkit-box-shadow:4px 4px  
4px 4px #71A9FF; box-shadow:4px 4px 4px  
4px #71A9FF }
```

Background

The CSS property to change the background color of an element to Hex 71A9FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71A9FF }
```

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

```
.background{ background-color:#71A9FF }
```

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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