

Converting Colors

Hex(7AC9FF)

Have a look what the booklet for
Hex(7AC9FF) contains.

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Color

Hex(7AC9FF)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 7AC9FF |
| RGB | 122, 201, 255 |
| RGB Percent | 48%, 79%, 100% |
| CMY | 0.5216, 0.2118, 0.0000 |
| CMYK | 0.52, 0.21, 0.00, 0.00 |
| HSL | 204°, 100%, 74% |
| HSV | 204°, 52%, 100% |
| XYZ | 46.9627, 53.1309, 102.3878 |
| YIQ | 183.5350, -64.4180, 0.0460 |

Conversions

Conversions Part 2

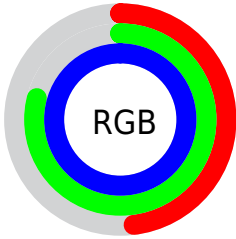
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 122, 172, 255 |
| Decimal | 8047103 |
| CIELab | 77.95, -9.68, -33.95 |
| CIELCh | 78, 35.309, 254.083 |
| Yxy | 53.1309, 0.2319, 0.2624 |
| Android (android.graphics.Color) | 4286237183 (0xFF7AC9FF) |
| YUV | 183.5350, 35.2322, -53.9662 |
| Hunter-Lab | 72.8909, -12.5539, -32.2594 |

Details

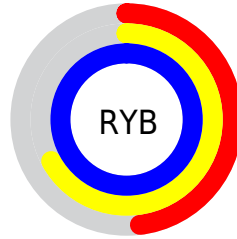
The Hex color **7AC9FF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FFB07A**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **B5FFFF**, and **3B93C6** is the 20% darker color. If you saturate the color by 10%, you get **61BFFF**, and if you desaturate by 10%, it is **94D3FF**.

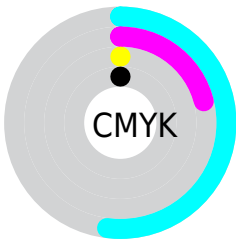
Distribution



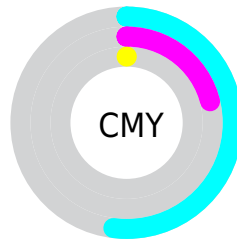
- Red (48%)
- Green (79%)
- Blue (100%)



- Red (48%)
- Yellow (67%)
- Blue (100%)



- Cyan (52%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (52%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AC9FF 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 7AC9FF by changing the saturation by 10% instead.

 7AC9FF

 7AC9FF

FFFFFF

 5CAEE2

 B5FFFF

 3B93C6

 D3FFFF

 0879AB

 F1FFFF

 006190

 004976

 00335D

 001E45

 00042F

 000119

 7AC9FF

 7AC9FF

 61BFFF

 94D3FF

 47B4FF


 ADDEFF

 2EAAFF

 C7E8FF

 14A0FF

 E0F2FF

 0097FF

 FAFDFE

FFFFFF

Harmonies

Analogous

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



55D0ED



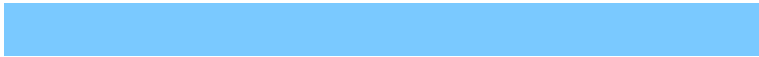
7AC9FF



ACBFFF

Triad

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



7AC9FF



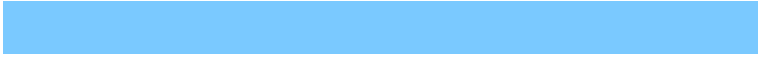
FFA8B2



A3CC91

Complementary

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



7AC9FF



FFB07A

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.



C8C481



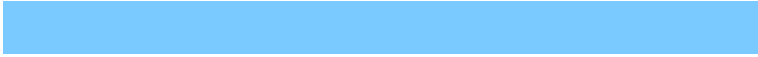
7AC9FF



FCAE95

Square

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



7AC9FF



F6AAD4



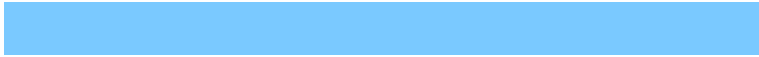
E7B982



7CD1AE

Rectangle

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



7AC9FF



CBB7F7



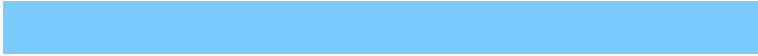
E7B982



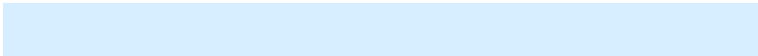
B0CA8A

Sweetspot

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



7AC9FF



D6EEFF



7AFFAF



677680



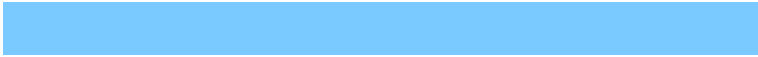
000000



808080

Same Dimension

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



7AC9FF



5EBEFF



7A87FF



737A80



0072BF



002640

Inverse Universe

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



FF7AC9



FF5EBE



FFF27A



80737A



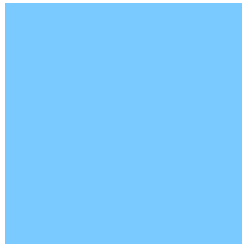
BF0072



400026

Previews

White Background



This preview shows how the Hex color 7AC9FF looks on a white background.

Color Contrast Check

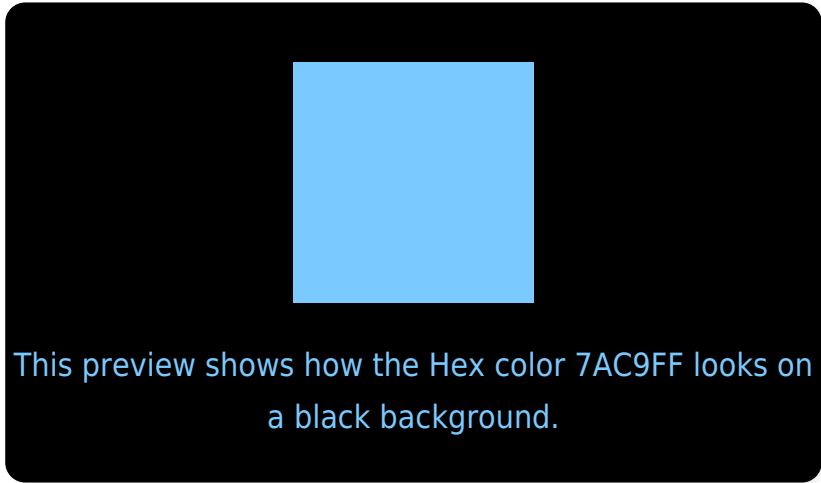
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

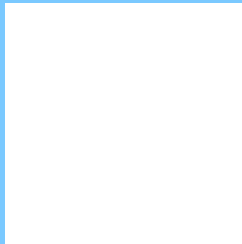
Any Text WCAG AAA ✓ Pass

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

Hex 7AC9FF Background



This preview shows how black text looks on a background with the Hex color 7AC9FF.

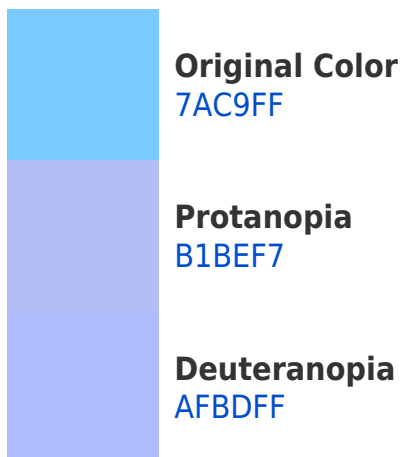


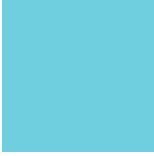
This preview shows how white text looks on a background with the Hex color 7AC9FF.

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](#).

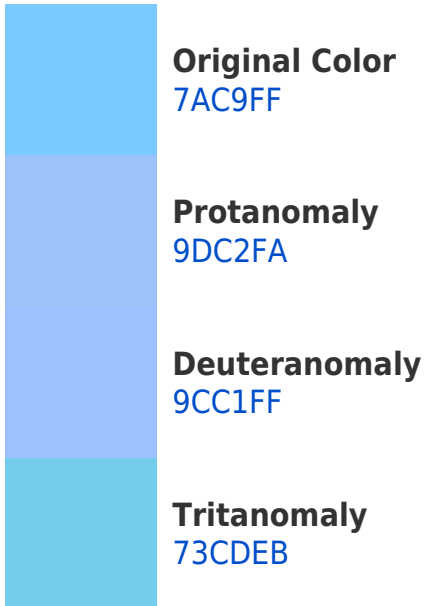
Dichromacy



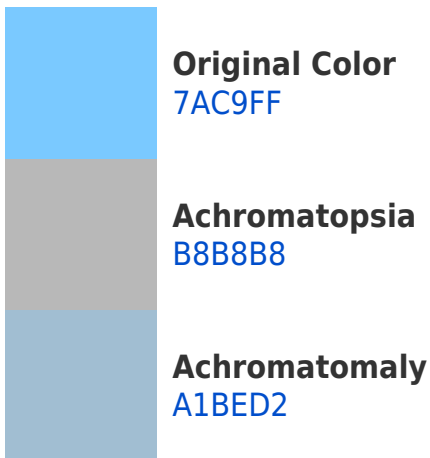


Tritanopia
6FCFDF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7AC9FF 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 #7AC9FF looks like.

```
.text, #text, p{  
    color:#7AC9FF  
}
```

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 #7AC9FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AC9FF  
}
```

Border

The CSS property to change the border of an element to Hex 7AC9FF 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  
#7AC9FF }
```

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

```
.border{ border-color:#7AC9FF }
```

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

Here you see how a box with a 4 pixel #7AC9FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AC9FF; -webkit-box-shadow:4px 4px  
4px 4px #7AC9FF; box-shadow:4px 4px 4px  
4px #7AC9FF }
```

Background

The CSS property to change the background color of an element to Hex 7AC9FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AC9FF }
```

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

```
.background{ background-color:#7AC9FF }
```

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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