

# Converting Colors

Hex(7AB9FF)

Have a look what the booklet for  
Hex(7AB9FF) contains.

|  |    |
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# **Color**

**Hex(7AB9FF)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 7AB9FF                     |
| RGB         | 122, 185, 255              |
| RGB Percent | 48%, 73%, 100%             |
| CMY         | 0.5216, 0.2745, 0.0000     |
| CMYK        | 0.52, 0.27, 0.00, 0.00     |
| HSL         | 212°, 100%, 74%            |
| HSV         | 212°, 52%, 100%            |
| XYZ         | 43.4250, 46.0555, 101.2086 |
| YIQ         | 174.1430, -60.0180, 8.4140 |

# Conversions

## Conversions Part 2

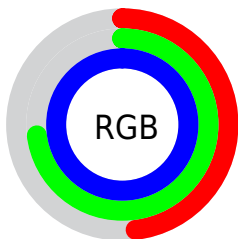
| <b>Format</b>                       | <b>Color</b>   |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">122, 165, 255</a>                                |
| Decimal                             | <a href="#">8043007</a>                                      |
| CIELab                              | <a href="#">73.58, -1.03, -40.74</a>                         |
| CIELCh                              | <a href="#">74, 40.748, 268.552</a>                          |
| Yxy                                 | <a href="#">46.0555, 0.2277, 0.2415</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4286233087</a><br>( <a href="#">0xFF7AB9FF</a> ) |
| YUV                                 | <a href="#">174.1430, 39.8625, -45.7294</a>                  |
| Hunter-Lab                          | <a href="#">67.8642, -4.5436, -40.9166</a>                   |

# Details

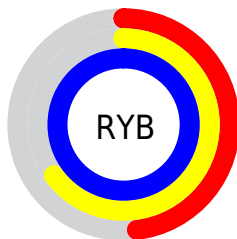
The Hex color **7AB9FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFC07A**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **B5F1FF**, and **3C84C6** is the 20% darker color. If you saturate the color by 10%, you get **61ACFF**, and if you desaturate by 10%, it is **94C6FF**.

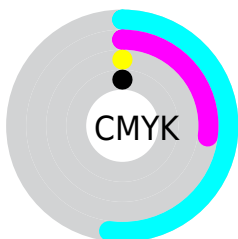
# Distribution



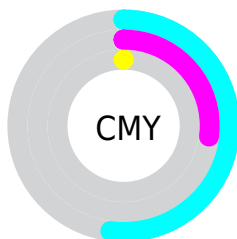
- Red (48%)
- Green (73%)
- Blue (100%)



- Red (48%)
- Yellow (65%)
- Blue (100%)



- Cyan (52%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (52%)
- Magenta (27%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7AB9FF 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 7AB9FF by changing the saturation by 10% instead.



 7AB9FF

 7AB9FF

FFFFFF

 5C9EE2

 B5F1FF

 3C84C6

 D3FFFF

 0C6BAA

 F1FFFF

 005390

 003C76

 00275D

 001345

 00032E

 000118

 7AB9FF

 7AB9FF

 61ACFF

 94C6FF

 479EFF

 ADD4FF

 2E91FF

 C7E1FF

 1483FF

 E0EFFF

 0079FF

 FAFcff

FFFFFF

# Harmonies

## Analogous

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



30C3F4



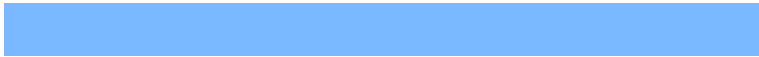
7AB9FF



B6ACF6

# Triad

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



7AB9FF



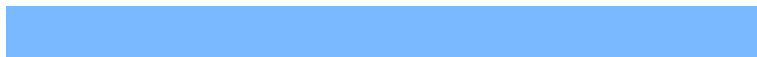
FC9A93



7CC58D

# Complementary

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



7AB9FF



FFC07A

# 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.



A8BD72



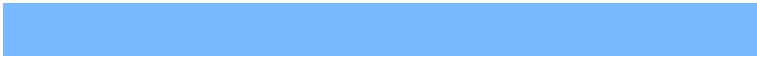
7AB9FF



ECA576

# Square

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



7AB9FF



FA98B8



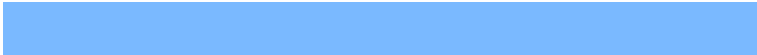
CFB269



47C8B2

# Rectangle

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



7AB9FF



D6A3E7



CFB269

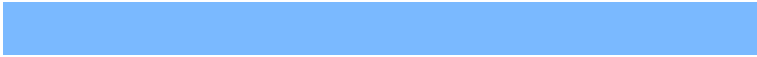


8BC382

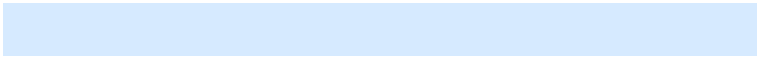


# Sweetspot

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



7AB9FF



D6EAFF



7AFFBF



677380



000000



808080

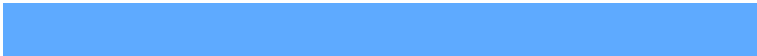


# Same Dimension

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



7AB9FF



5EA AFF



7C7AFF



737980



005BBF



001E40



# Inverse Universe

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



FF7AB9



FF5EAA



FDF77A



807379



BF005B

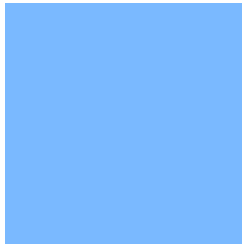


40001E



# Previews

## White Background



This preview shows how the Hex color 7AB9FF looks on a white background.

## Color Contrast Check

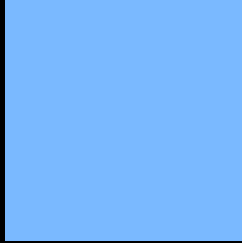
Large Text (above 18pt) WCAG AA × Fail

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 7AB9FF 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

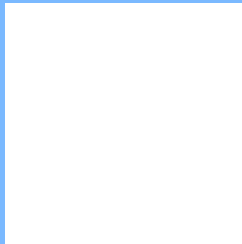
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7AB9FF Background



This preview shows how black text looks on a background with the Hex color 7AB9FF.

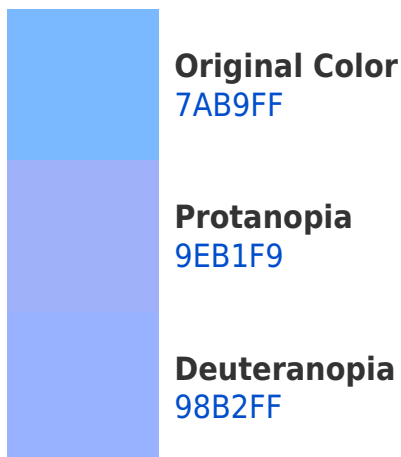


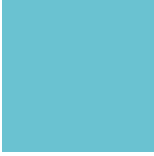
This preview shows how white text looks on a background with the Hex color 7AB9FF.

# 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](#).

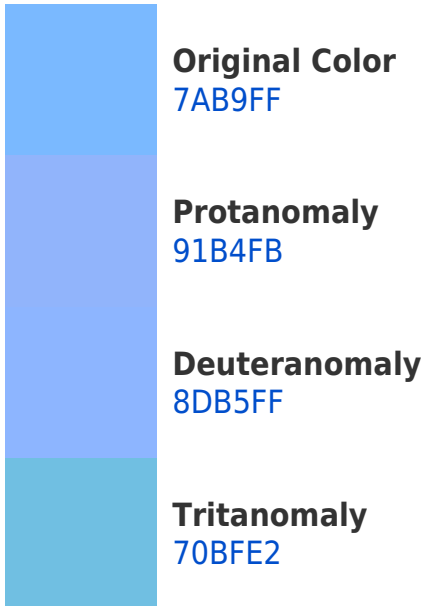
## Dichromacy



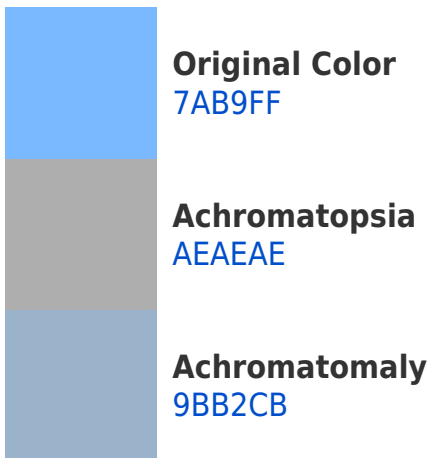


**Tritanopia**  
6AC2D1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7AB9FF 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 #7AB9FF looks like.

```
.text, #text, p{  
    color:#7AB9FF  
}
```

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 #7AB9FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AB9FF
}
```

## Border

The CSS property to change the border of an element to Hex 7AB9FF 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
#7AB9FF }
```

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

```
.border{ border-color:#7AB9FF }
```

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

Here you see how a box with a 4 pixel #7AB9FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AB9FF; -webkit-box-shadow:4px 4px  
4px 4px #7AB9FF; box-shadow:4px 4px 4px  
4px #7AB9FF }
```

# Background

The CSS property to change the background color of an element to Hex 7AB9FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AB9FF }
```

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

```
.background{ background-color:#7AB9FF }
```

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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