

# Converting Colors

Hex(82B9FF)

Have a look what the booklet for  
Hex(82B9FF) contains.

<b>Hex(82B9FF)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(82B9FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82B9FF
RGB	130, 185, 255
RGB Percent	51%, 73%, 100%
CMY	0.4902, 0.2745, 0.0000
CMYK	0.49, 0.27, 0.00, 0.00
HSL	214°, 100%, 75%
HSV	214°, 49%, 100%
XYZ	44.6049, 46.6638, 101.2638
YIQ	176.5350, -55.2500, 10.1100

# Conversions

## Conversions Part 2

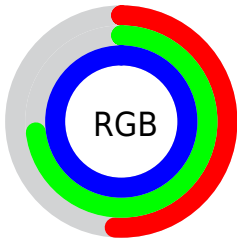
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">130, 168, 255</a>
Decimal	<a href="#">8567295</a>
<a href="#">CIELab</a>	<a href="#">73.97, 0.73, -40.09</a>
<a href="#">CIElCh</a>	<a href="#">74, 40.101, 271.049</a>
<a href="#">Yxy</a>	<a href="#">46.6638, 0.2317, 0.2424</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4286757375 (0xFF82B9FF)</a>
<a href="#">YUV</a>	<a href="#">176.5350, 38.6832, -40.8112</a>
<a href="#">Hunter-Lab</a>	<a href="#">68.3109, -2.9891, -40.0737</a>

# Details

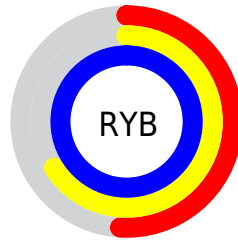
The Hex color **82B9FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFC882**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **BCF1FF**, and **4684C6** is the 20% darker color. If you saturate the color by 10%, you get **69ABFF**, and if you desaturate by 10%, it is **9BC7FF**.

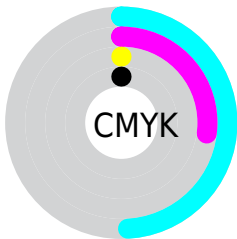
# Distribution



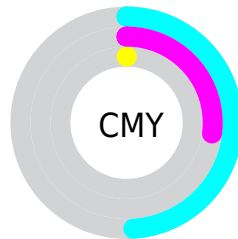
- Red (51%)
- Green (73%)
- Blue (100%)



- Red (51%)
- Yellow (66%)
- Blue (100%)



- Cyan (49%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (49%)
- Magenta (27%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82B9FF 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 82B9FF by changing the saturation by 10% instead.



 82B9FF

 82B9FF

FFFFFF

 659EE2

 BCF1FF

 4684C6

 DAFFFF

 226BAA

 F8FFFF

 005390

 003C76

 00275D

 001345

 00032E

 000118

 82B9FF

 82B9FF

 69ABFF

 9BC7FF

 4F9CFF

 B5D6FF

 358EFF

 CFE4FF

 1C80FF

 E8F2FF

 0272FF

FFFFFF

 0070FF

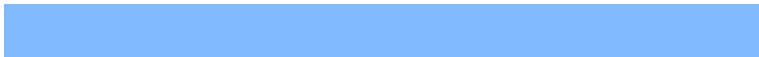
# Harmonies

## Analogous

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



3EC3F5



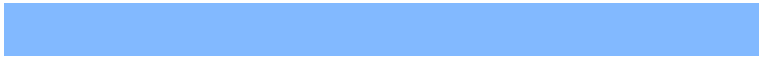
82B9FF



BCACF5

# Triad

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



82B9FF



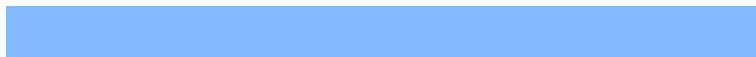
FC9C92



7AC691

# Complementary

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



82B9FF



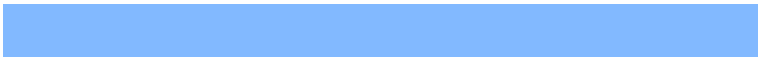
FFC882

# 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.



A6BF75



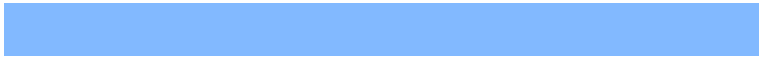
82B9FF



EBA776

# Square

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



82B9FF



FB99B6



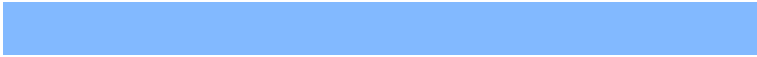
CDB46B



46C9B6

# Rectangle

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



82B9FF



D9A3E5



CDB46B

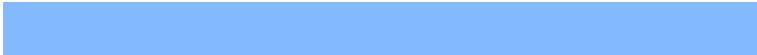


89C486

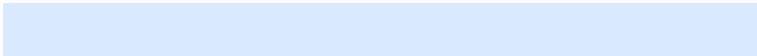


# Sweetspot

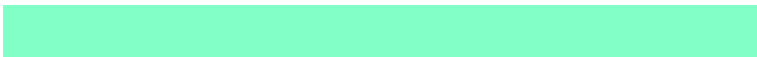
The Sweet Spot groups the original color and five complimentary colors.



82B9FF



D9EAFF



82FFC7



697380



000000



808080

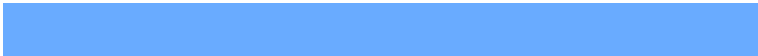


# Same Dimension

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



82B9FF



69ABFF



8882FF



737880



0054BF



001C40



# Inverse Universe

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



FF82B9



FF69AB



F9FF82



807378



BF0054



40001C



# Previews

## White Background



This preview shows how the Hex color 82B9FF looks on a white background.

## Color Contrast Check

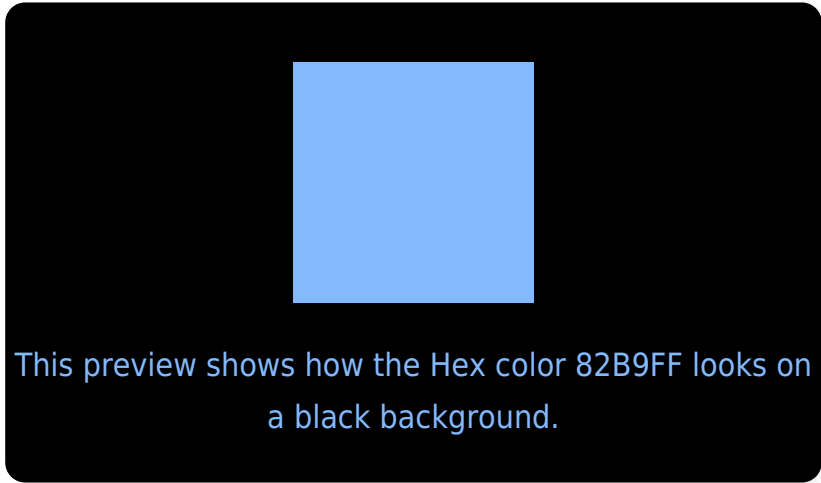
Large Text (above 18pt) WCAG AA × Fail

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

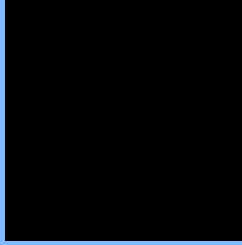
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

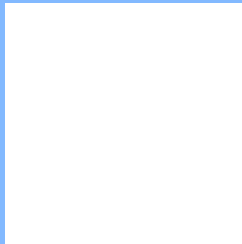
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 82B9FF Background



This preview shows how black text looks on a background with the Hex color 82B9FF.

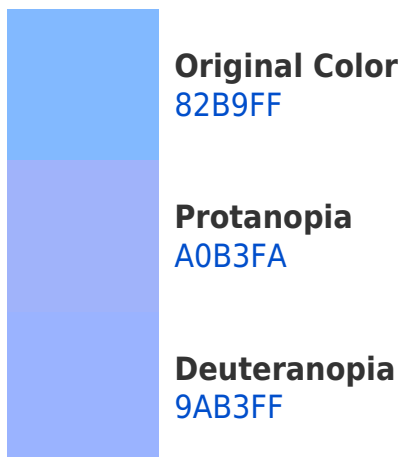


This preview shows how white text looks on a background with the Hex color 82B9FF.

# 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](#).

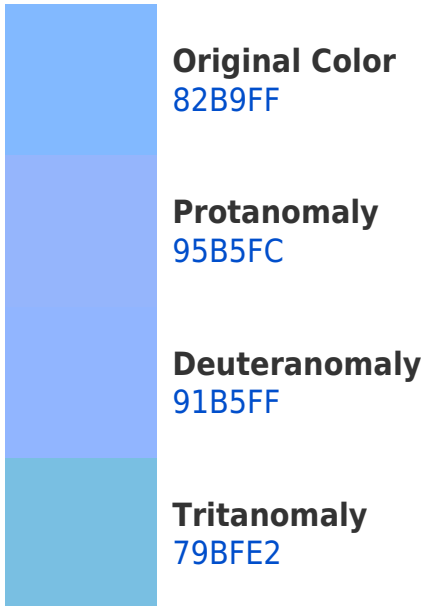
## Dichromacy



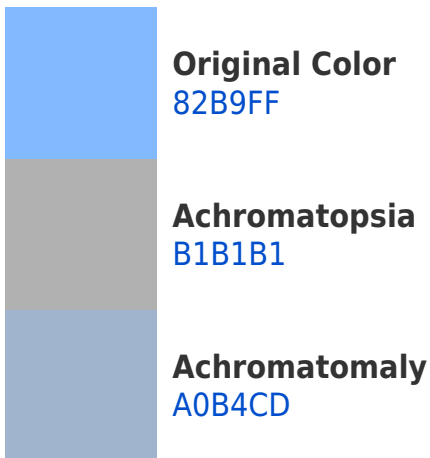


**Tritanopia**  
74C2D1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82B9FF 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 #82B9FF looks like.

```
.text, #text, p{  
    color:#82B9FF  
}
```

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 #82B9FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82B9FF
}
```

## Border

The CSS property to change the border of an element to Hex 82B9FF 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
#82B9FF }
```

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

```
.border{ border-color:#82B9FF }
```

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

Here you see how a box with a 4 pixel #82B9FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82B9FF; -webkit-box-shadow:4px 4px  
4px 4px #82B9FF; box-shadow:4px 4px 4px  
4px #82B9FF }
```

# Background

The CSS property to change the background color of an element to Hex 82B9FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82B9FF }
```

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

```
.background{ background-color:#82B9FF }
```

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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