

# Converting Colors

Hex(82A1FF)

Have a look what the booklet for  
Hex(82A1FF) contains.

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# **Color**

**Hex(82A1FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82A1FF
RGB	130, 161, 255
RGB Percent	51%, 63%, 100%
CMY	0.4902, 0.3686, 0.0000
CMYK	0.49, 0.37, 0.00, 0.00
HSL	225°, 100%, 75%
HSV	225°, 49%, 100%
XYZ	40.0008, 37.4556, 99.7291
YIQ	162.4470, -48.6500, 22.6620

# Conversions

## Conversions Part 2

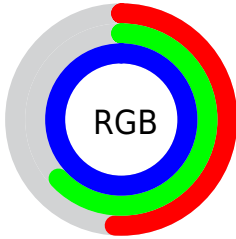
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">130, 155, 255</a>
Decimal	<a href="#">8561151</a>
CIELab	<a href="#">67.62, 14.28, -50.06</a>
CIElCh	<a href="#">68, 52.058, 285.917</a>
Yxy	<a href="#">37.4556, 0.2258, 0.2114</a>
Android (android.graphics.Color)	<a href="#">4286751231 (0xFF82A1FF)</a>
YUV	<a href="#">162.4470, 45.6286, -28.4560</a>
Hunter-Lab	<a href="#">61.2010, 9.5655, -53.7745</a>

# Details

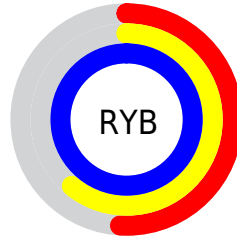
The Hex color **82A1FF** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FFE082**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **BCD8FF**, and **466EC6** is the 20% darker color. If you saturate the color by 10%, you get **698EFF**, and if you desaturate by 10%, it is **9BB4FF**.

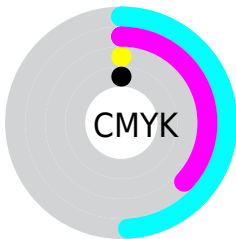
# Distribution



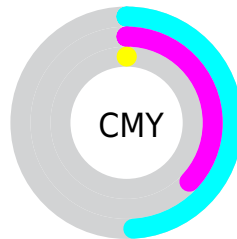
- Red (51%)
- Green (63%)
- Blue (100%)



- Red (51%)
- Yellow (61%)
- Blue (100%)



- Cyan (49%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)



- Cyan (49%)
- Magenta (37%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82A1FF 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 82A1FF by changing the saturation by 10% instead.



 82A1FF

 82A1FF

FFFFFF

 6587E2

 BCD8FF

 466EC6

 DAF4FF

 2256AA

 F8FFFF

 003F8F

 002A75

 00175C

 000444

 00032C

 000117

 82A1FF

 82A1FF

 698EFF

 9BB4FF

 4F7BFF

 B5C7FF

 3567FF

 CFDBFF

 1C54FF

 E8EEFF

 0241FF

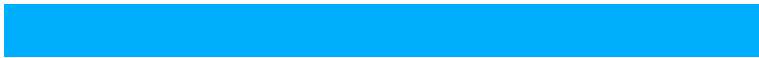
FFFFFF

 003FFF

# Harmonies

## Analogous

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



00B0FF



82A1FF



C88EE6

# Triad

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



82A1FF



F18963



0BBB8C

# Complementary

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



82A1FF



FFE082

# 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.



72B561



82A1FF



D39A47

# Square

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



82A1FF



FD7D8D



A8AA46



00BCBD

# Rectangle

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



82A1FF



E683CC



A8AA46



41B97D



# Sweetspot

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



82A1FF



D9E2FF



82FFE0



696E80



000000



808080



# Same Dimension

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



82A1FF



698EFF



A182FF



737680



002FBF



001040



# Inverse Universe

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



FF82A1



FF698E



E0FF82



807376



BF002F



400010



# Previews

## White Background



This preview shows how the Hex color 82A1FF looks on a white background.

## Color Contrast Check

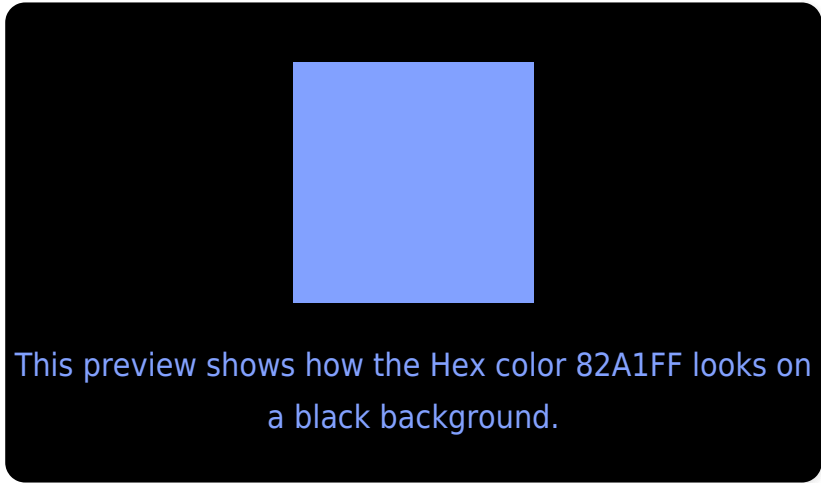
Large Text (above 18pt) WCAG AA × Fail

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

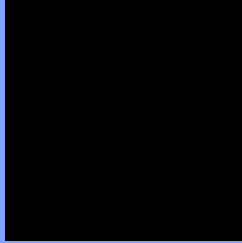
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 82A1FF Background



This preview shows how black text looks on a background with the Hex color 82A1FF.



This preview shows how white text looks on a background with the Hex color 82A1FF.

# 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



**Original Color**  
82A1FF

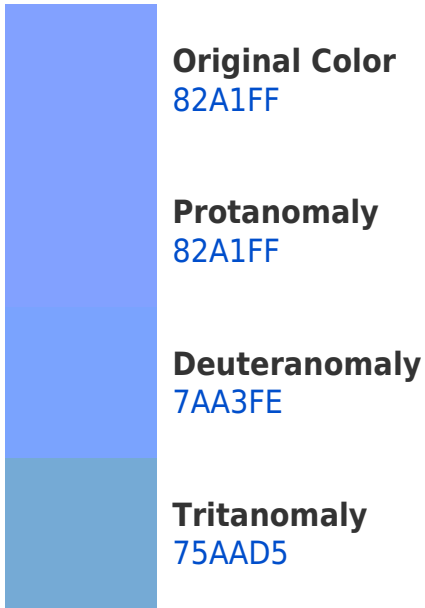
**Protanopia**  
82A1FF

**Deuteranopia**  
76A4FE

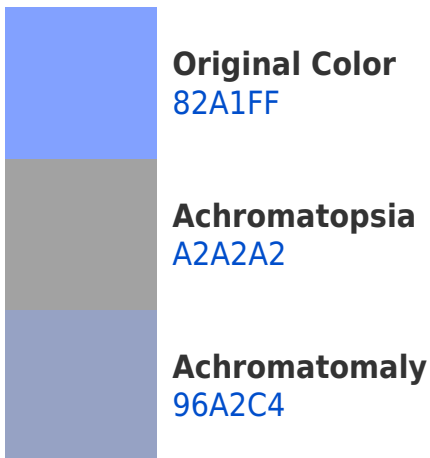


**Tritanopia**  
6EAFBD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82A1FF 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 #82A1FF looks like.

```
.text, #text, p{  
    color:#82A1FF  
}
```

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 #82A1FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82A1FF
}
```

## Border

The CSS property to change the border of an element to Hex 82A1FF 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
#82A1FF }
```

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

```
.border{ border-color:#82A1FF }
```

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

Here you see how a box with a 4 pixel #82A1FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82A1FF; -webkit-box-shadow:4px 4px  
4px 4px #82A1FF; box-shadow:4px 4px 4px  
4px #82A1FF }
```

# Background

The CSS property to change the background color of an element to Hex 82A1FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82A1FF }
```

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

```
.background{ background-color:#82A1FF }
```

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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