

Converting Colors

Hex(84A1FF)

Have a look what the booklet for
Hex(84A1FF) contains.

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Color

Hex(84A1FF)

Conversions

Conversions Part 1

Format	Color
Hex	84A1FF
RGB	132, 161, 255
RGB Percent	52%, 63%, 100%
CMY	0.4824, 0.3686, 0.0000
CMYK	0.48, 0.37, 0.00, 0.00
HSL	226°, 100%, 76%
HSV	226°, 48%, 100%
XYZ	40.3106, 37.6153, 99.7436
YIQ	163.0450, -47.4580, 23.0860

Conversions

Conversions Part 2

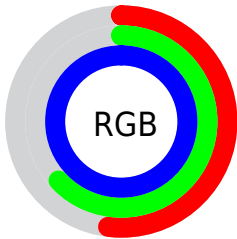
Format	Color
RYB	132, 155, 255
Decimal	8692223
CIELab	67.74, 14.73, -49.87
CIElCh	68, 51.997, 286.457
Yxy	37.6153, 0.2269, 0.2117
Android (android.graphics.Color)	4286882303 (0xFF84A1FF)
YUV	163.0450, 45.3338, -27.2265
Hunter-Lab	61.3313, 9.9911, -53.4919

Details

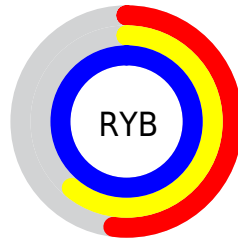
The Hex color **84A1FF** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FFE284**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **BED8FF**, and **496EC6** is the 20% darker color. If you saturate the color by 10%, you get **6B8EFF**, and if you desaturate by 10%, it is **9EB4FF**.

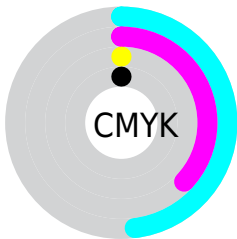
Distribution



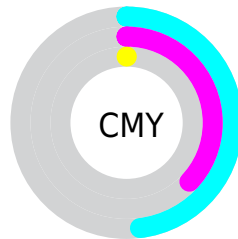
- Red (52%)
- Green (63%)
- Blue (100%)



- Red (52%)
- Yellow (61%)
- Blue (100%)



- Cyan (48%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)



- Cyan (48%)
- Magenta (37%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84A1FF 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 84A1FF by changing the saturation by 10% instead.

 84A1FF

 84A1FF

FFFFFF

 6787E2

 BED8FF

 496EC6

 DCF4FF

 2656AA

 FAFFFF

 003F8F

 002A75

 00175C

 000444

 00032C

 000117

 84A1FF

 84A1FF

 6B8EFF

 9EB4FF

 517AFF

 B7C8FF

 3867FF

 D1DBFF

 1E53FF

 EAEFFF

 0540FF

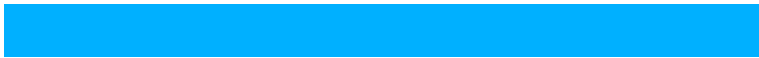
FFFFFF

 003CFF

Harmonies

Analogous

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



00B0FF



84A1FF



C98EE6

Triad

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



84A1FF



F18A63



06BB8D

Complementary

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



84A1FF



FFE284

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.



72B562



84A1FF



D29B48

Square

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



84A1FF



FD7E8D



A7AB47



00BDBE

Rectangle

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



84A1FF



E783CB



A7AB47



40BA7E

Sweetspot

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



84A1FF



DBE4FF



84FFE0



6A6F80



000000



808080

Same Dimension

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



84A1FF



6B8EFF



A384FF



737680



002DBF



000F40

Inverse Universe

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



FF84A1



FF6B8E



E0FF84



807376



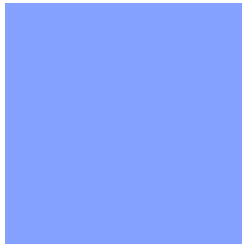
BF002D



40000F

Previews

White Background



This preview shows how the Hex color 84A1FF looks on a white background.

Color Contrast Check

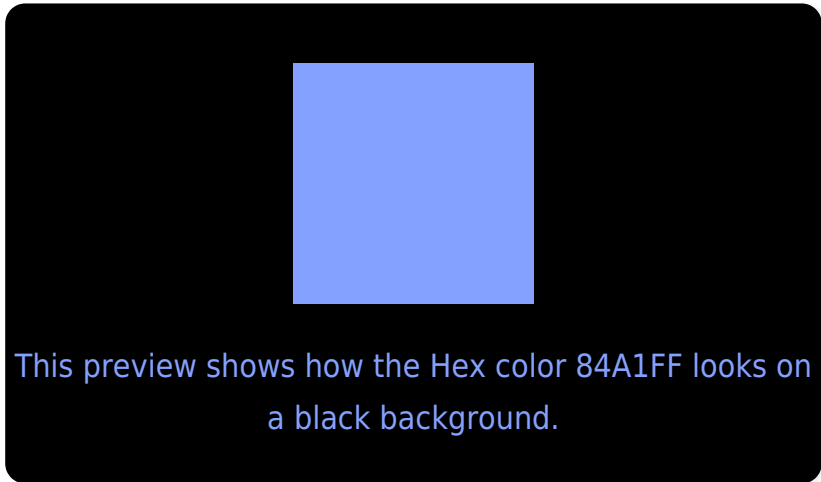
Large Text (above 18pt) WCAG AA × Fail

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

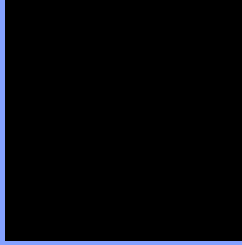
Any Text WCAG AA ✓ Pass

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 84A1FF Background



This preview shows how black text looks on a background with the Hex color 84A1FF.



This preview shows how white text looks on a background with the Hex color 84A1FF.

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

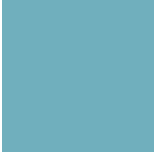
84A1FF

Protanopia

82A1FF

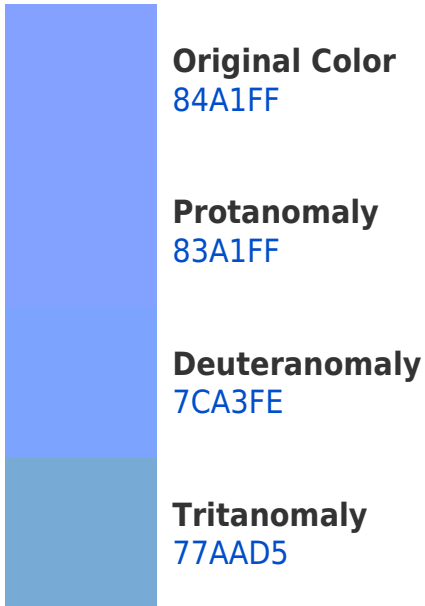
Deuteranopia

77A4FE

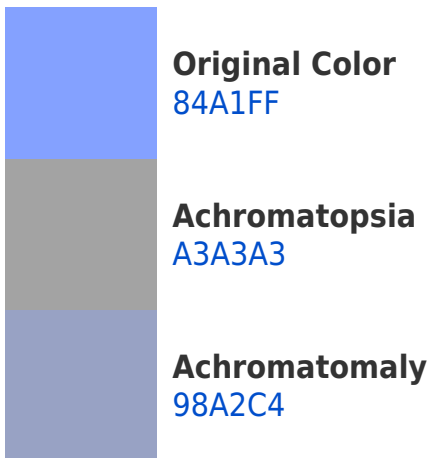


Tritanopia
70AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84A1FF 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 #84A1FF looks like.

```
.text, #text, p{  
    color:#84A1FF  
}
```

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 #84A1FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84A1FF
}
```

Border

The CSS property to change the border of an element to Hex 84A1FF 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
#84A1FF }
```

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

```
.border{ border-color:#84A1FF }
```

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

Here you see how a box with a 4 pixel #84A1FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84A1FF; -webkit-box-shadow:4px 4px  
4px 4px #84A1FF; box-shadow:4px 4px 4px  
4px #84A1FF }
```

Background

The CSS property to change the background color of an element to Hex 84A1FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84A1FF }
```

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

```
.background{ background-color:#84A1FF }
```

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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