

Converting Colors

Hex(85A4FF)

Have a look what the booklet for
Hex(85A4FF) contains.

Hex(85A4FF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(85A4FF)

Conversions

Conversions Part 1

Format	Color
Hex	85A4FF
RGB	133, 164, 255
RGB Percent	52%, 64%, 100%
CMY	0.4784, 0.3569, 0.0000
CMYK	0.48, 0.36, 0.00, 0.00
HSL	225°, 100%, 76%
HSV	225°, 48%, 100%
XYZ	40.9983, 38.7575, 99.9278
YIQ	165.1050, -47.6870, 21.7290

Conversions

Conversions Part 2

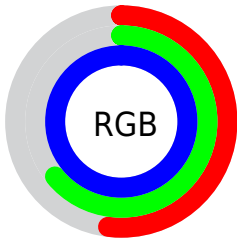
Format	Color
RYB	133, 158, 255
Decimal	8758527
CIELab	68.58, 13.24, -48.54
CIELCh	69, 50.313, 285.255
Yxy	38.7575, 0.2282, 0.2157
Android (android.graphics.Color)	4286948607 (0xFF85A4FF)
YUV	165.1050, 44.3182, -28.1561
Hunter-Lab	62.2555, 8.6040, -51.5890

Details

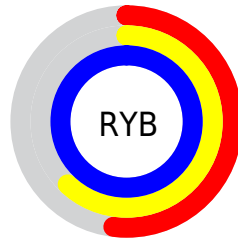
The Hex color **85A4FF** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FFE085**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **BFDBFF**, and **4A71C6** is the 20% darker color. If you saturate the color by 10%, you get **6C91FF**, and if you desaturate by 10%, it is **9FB7FF**.

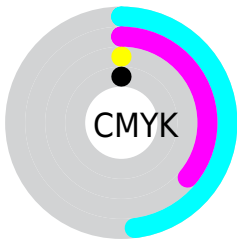
Distribution



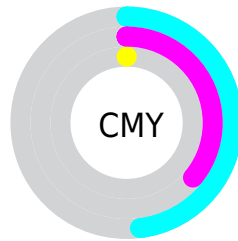
- Red (52%)
- Green (64%)
- Blue (100%)



- Red (52%)
- Yellow (62%)
- Blue (100%)



- Cyan (48%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)



- Cyan (48%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85A4FF 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 85A4FF by changing the saturation by 10% instead.

 85A4FF

 85A4FF

FFFFFF

 688AE2

 BFDBFF

 4A71C6

 DDF7FF

 2858AA

 FBFFFF

 00428F

 002C75

 00195C

 000244

 00032D

 000117

 85A4FF

 85A4FF

 6C91FF

 9FB7FF

 527EFF

 B8CAFF

 396BFF

 D2DDFF

 1F58FF

 EBF0FF

 0645FF

FFFFFF

 0041FF

Harmonies

Analogous

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



00B2FF



85A4FF



C892E8

Triad

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



85A4FF



F28C69



28BD8F

Complementary

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



85A4FF



FFE085

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.



78B765



85A4FF



D59D4E

Square

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



85A4FF



FD8192



ACAC4C



00BEBE

Rectangle

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



85A4FF



E688CE



ACAC4C



4BBB7F

Sweetspot

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



85A4FF



DBE4FF



85FFDE



6A6F80



000000



808080

Same Dimension

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



85A4FF



6E93FF



A185FF



737680



0031BF



001040

Inverse Universe

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



FF85A4



FF6E93



E3FF85



807376



BF0031



400010

Previews

White Background



This preview shows how the Hex color 85A4FF looks on a white background.

Color Contrast Check

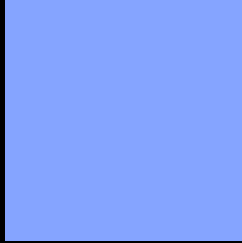
Large Text (above 18pt) WCAG AA × Fail

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 85A4FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

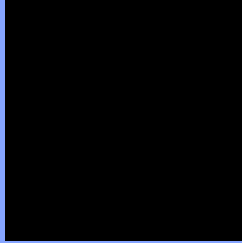
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

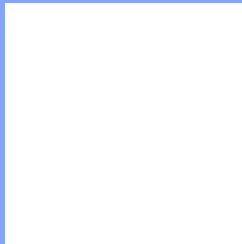
Any Text WCAG AAA ✓ Pass

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

Hex 85A4FF Background



This preview shows how black text looks on a background with the Hex color 85A4FF.



This preview shows how white text looks on a background with the Hex color 85A4FF.

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
85A4FF

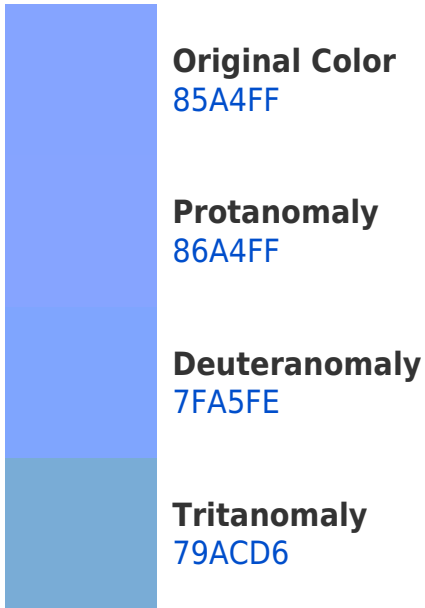
Protanopia
86A4FF

Deuteranopia
7CA6FE

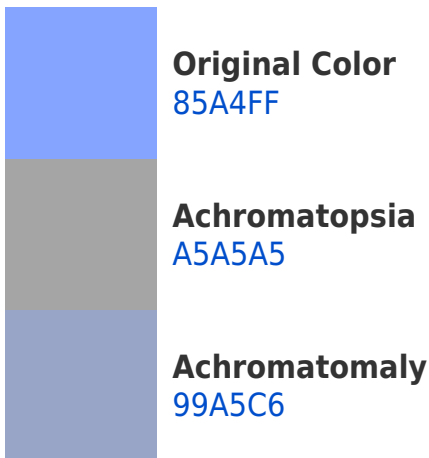


Tritanopia
72B1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85A4FF 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 #85A4FF looks like.

```
.text, #text, p{  
    color:#85A4FF  
}
```

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 #85A4FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85A4FF
}
```

Border

The CSS property to change the border of an element to Hex 85A4FF 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
#85A4FF }
```

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

```
.border{ border-color:#85A4FF }
```

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

Here you see how a box with a 4 pixel #85A4FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85A4FF; -webkit-box-shadow:4px 4px  
4px 4px #85A4FF; box-shadow:4px 4px 4px  
4px #85A4FF }
```

Background

The CSS property to change the background color of an element to Hex 85A4FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85A4FF }
```

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

```
.background{ background-color:#85A4FF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor