

Converting Colors

Hex(85C4FF)

Have a look what the booklet for
Hex(85C4FF) contains.

Hex(85C4FF)	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(85C4FF)

Conversions

Conversions Part 1

Format	Color
Hex	85C4FF
RGB	133, 196, 255
RGB Percent	52%, 77%, 100%
CMY	0.4784, 0.2314, 0.0000
CMYK	0.48, 0.23, 0.00, 0.00
HSL	209°, 100%, 76%
HSV	209°, 48%, 100%
XYZ	47.4628, 51.6864, 102.0827
YIQ	183.8890, -56.4870, 4.9930

Conversions

Conversions Part 2

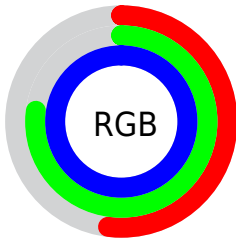
Format	Color
RYB	133, 175, 255
Decimal	8766719
CIELab	77.09, -4.58, -35.24
CIElCh	77, 35.538, 262.593
Yxy	51.6864, 0.2359, 0.2568
Android (android.graphics.Color)	4286956799 (0xFF85C4FF)
YUV	183.8890, 35.0577, -44.6297
Hunter-Lab	71.8933, -7.9703, -33.8618

Details

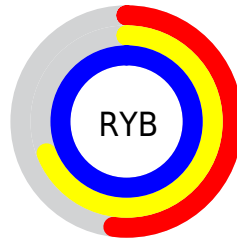
The Hex color **85C4FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFC085**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **BFFCFF**, and **4A8EC6** is the 20% darker color. If you saturate the color by 10%, you get **6CB8FF**, and if you desaturate by 10%, it is **9FD0FF**.

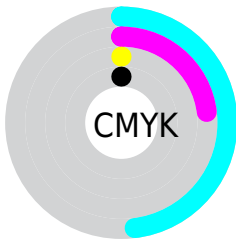
Distribution



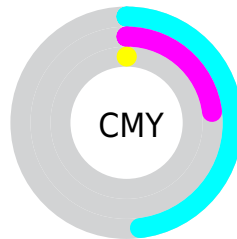
- Red (52%)
- Green (77%)
- Blue (100%)



- Red (52%)
- Yellow (69%)
- Blue (100%)



- Cyan (48%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (48%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85C4FF 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 85C4FF by changing the saturation by 10% instead.

 85C4FF

 85C4FF

FFFFFF

 68A9E2

 BFFCFF

 4A8EC6

 DDFFFF

 2875AB

 FBFFFF

 005D90

 004576

 002F5D

 001B45

 00042E

 000119

 85C4FF

 85C4FF

 6CB8FF

 9FD0FF

 52ABFF

 B8DDFF

 399FFF


 D2E9FF

 1F93FF

 EBF5FF

 0686FF

FFFFFF

 0084FF

Harmonies

Analogous

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



58CCF2



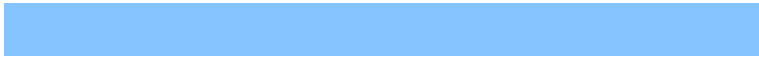
85C4FF



B7B9FB

Triad

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



85C4FF



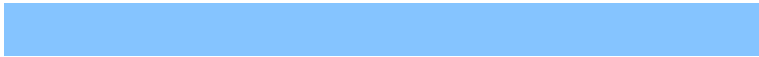
FFA7A7



95CC95

Complementary

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



85C4FF



FFC085

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.



BBC481



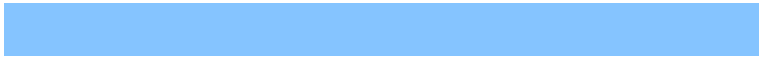
85C4FF



F5AE8B

Square

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



85C4FF



F9A6C8



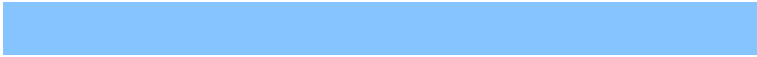
DCBA7D



6ED0B5

Rectangle

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



85C4FF



D4B1EF



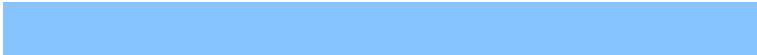
DCBA7D



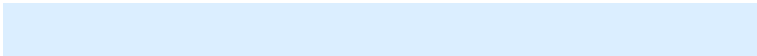
A2CA8D

Sweetspot

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



85C4FF



DBEFFF



85FFC0



6A7580



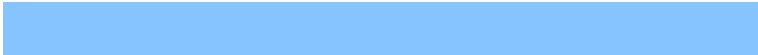
000000



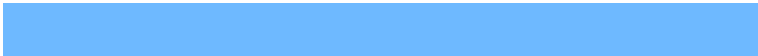
808080

Same Dimension

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



85C4FF



6EB9FF



8587FF



737980



0063BF



002140

Inverse Universe

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



FF85C4



FF6EB9



FFFD85



807379



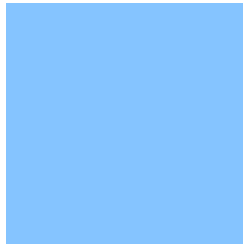
BF0063



400021

Previews

White Background



This preview shows how the Hex color 85C4FF looks on a white background.

Color Contrast Check

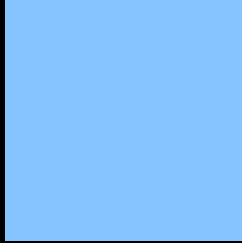
Large Text (above 18pt) WCAG AA × Fail

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 85C4FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

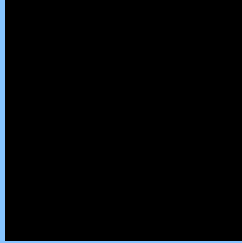
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

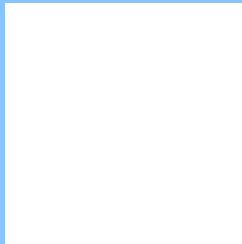
Any Text WCAG AAA ✓ Pass

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

Hex 85C4FF Background



This preview shows how black text looks on a background with the Hex color 85C4FF.

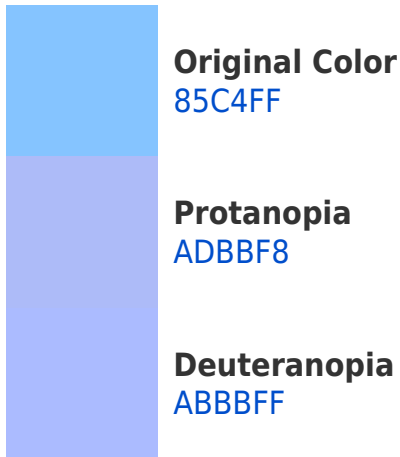


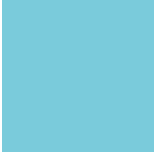
This preview shows how white text looks on a background with the Hex color 85C4FF.

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](#).

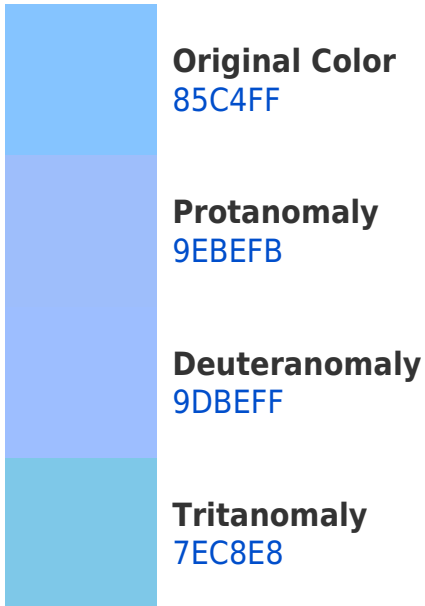
Dichromacy



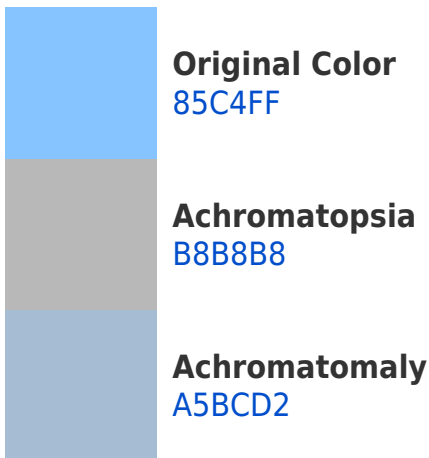


Tritanopia
7ACBDB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85C4FF 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 #85C4FF looks like.

```
.text, #text, p{  
    color:#85C4FF  
}
```

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 #85C4FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85C4FF
}
```

Border

The CSS property to change the border of an element to Hex 85C4FF 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
#85C4FF }
```

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

```
.border{ border-color:#85C4FF }
```

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

Here you see how a box with a 4 pixel #85C4FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85C4FF; -webkit-box-shadow:4px 4px  
4px 4px #85C4FF; box-shadow:4px 4px 4px  
4px #85C4FF }
```

Background

The CSS property to change the background color of an element to Hex 85C4FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85C4FF }
```

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

```
.background{ background-color:#85C4FF }
```

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