

# Converting Colors

Hex(85B8FF)

Have a look what the booklet for  
Hex(85B8FF) contains.

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# **Color**

**Hex(85B8FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85B8FF
RGB	133, 184, 255
RGB Percent	52%, 72%, 100%
CMY	0.4784, 0.2784, 0.0000
CMYK	0.48, 0.28, 0.00, 0.00
HSL	215°, 100%, 76%
HSV	215°, 48%, 100%
XYZ	44.8634, 46.4875, 101.2162
YIQ	176.8450, -53.1870, 11.2690

# Conversions

## Conversions Part 2

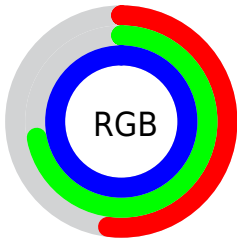
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">133, 169, 255</a>
Decimal	<a href="#">8763647</a>
CIELab	<a href="#">73.86, 1.97, -40.26</a>
CIElCh	<a href="#">74, 40.307, 272.804</a>
Yxy	<a href="#">46.4875, 0.2330, 0.2414</a>
Android (android.graphics.Color)	<a href="#">4286953727 (0xFF85B8FF)</a>
YUV	<a href="#">176.8450, 38.5304, -38.4521</a>
Hunter-Lab	<a href="#">68.1818, -1.8657, -40.2891</a>

# Details

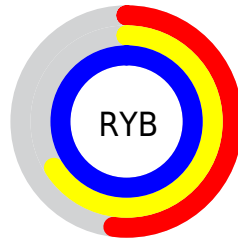
The Hex color **85B8FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFCC85**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **BFF0FF**, and **4A83C6** is the 20% darker color. If you saturate the color by 10%, you get **6CA9FF**, and if you desaturate by 10%, it is **9FC7FF**.

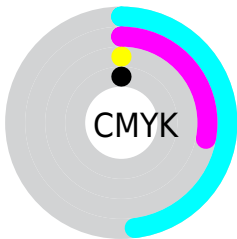
# Distribution



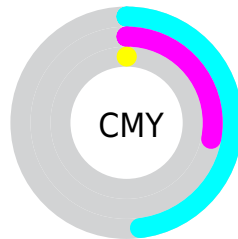
- Red (52%)
- Green (72%)
- Blue (100%)



- Red (52%)
- Yellow (66%)
- Blue (100%)



- Cyan (48%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (48%)
- Magenta (28%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85B8FF 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 85B8FF by changing the saturation by 10% instead.



 85B8FF

 85B8FF

FFFFFF

 689DE2

 BFF0FF

 4A83C6

 DDFFFF

 286AAA

 FAFFFF

 005290

 003C76

 00275D

 001245

 00032E

 000118

 85B8FF

 85B8FF

 6CA9FF

 9FC7FF

 529AFF

 B8D6FF

 398BFF


 D2E5FF

 1F7DFF

 EBF3FF

 066EFF

FFFFFF

 006BFF

# Harmonies

## Analogous

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



40C2F6



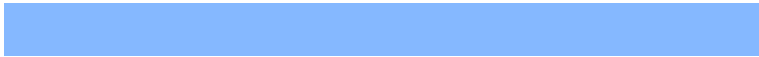
85B8FF



BEABF4

# Triad

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



85B8FF



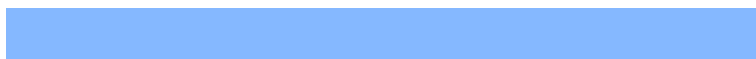
FB9C8F



76C692

# Complementary

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



85B8FF



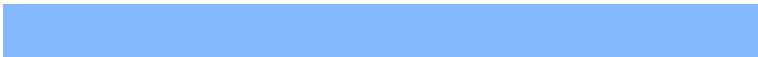
FFC85

# 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.



A3BF76



85B8FF



E9A875

# Square

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



85B8FF



FB99B3



CAB46B



41C9B8

# Rectangle

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



85B8FF



DCA2E3



CAB46B

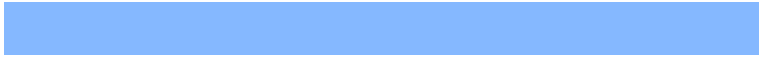


86C488

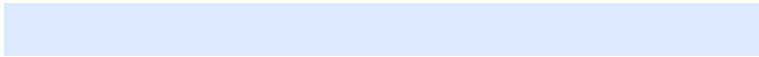


# Sweetspot

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



85B8FF



DBEAFF



85FFCA



6A7380



000000



808080

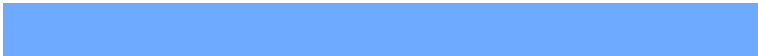


# Same Dimension

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



85B8FF



6EAAFF



8D85FF



737880



0050BF



001B40



# Inverse Universe

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



FF85B8



FF6EAA



F7FF85



807378



BF0050

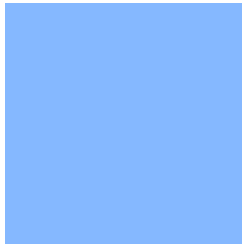


40001B



# Previews

## White Background



This preview shows how the Hex color 85B8FF looks on a white background.

## Color Contrast Check

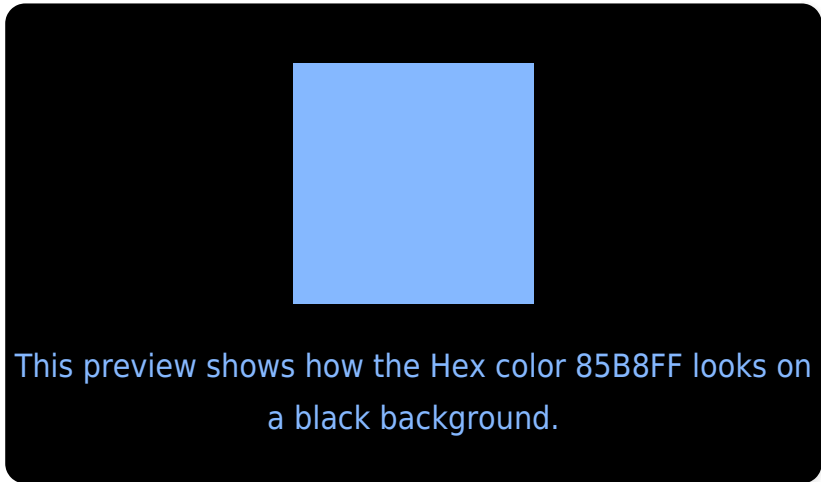
Large Text (above 18pt) WCAG AA × Fail

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

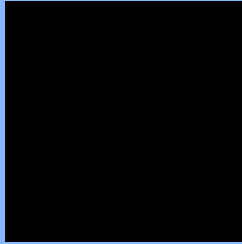
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

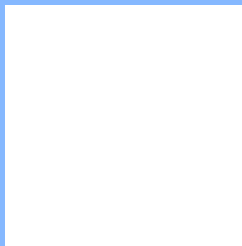
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 85B8FF Background



This preview shows how black text looks on a background with the Hex color 85B8FF.



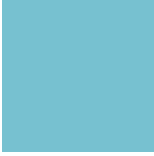
This preview shows how white text looks on a background with the Hex color 85B8FF.

# 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](#).

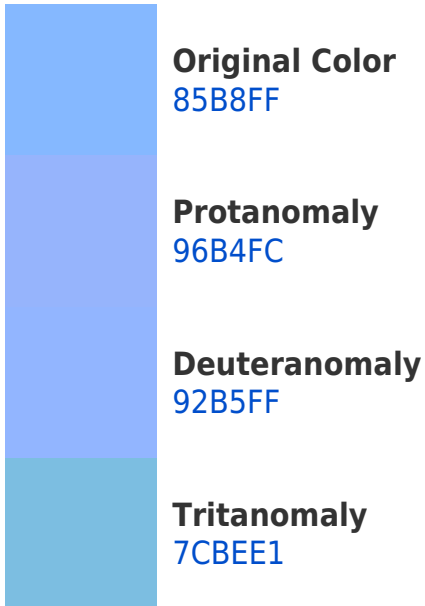
## Dichromacy



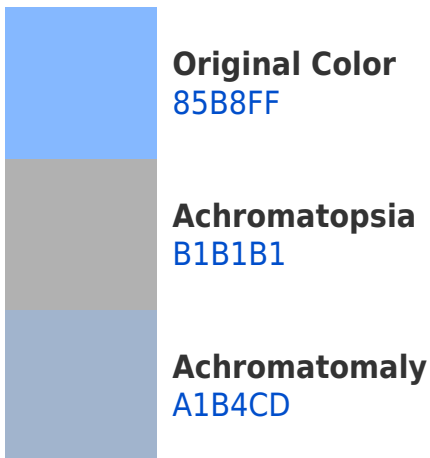


**Tritanopia**  
77C1D0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85B8FF 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 #85B8FF looks like.

```
.text, #text, p{  
    color:#85B8FF  
}
```

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 #85B8FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85B8FF
}
```

## Border

The CSS property to change the border of an element to Hex 85B8FF 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
#85B8FF }
```

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

```
.border{ border-color:#85B8FF }
```

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

Here you see how a box with a 4 pixel #85B8FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85B8FF; -webkit-box-shadow:4px 4px  
4px 4px #85B8FF; box-shadow:4px 4px 4px  
4px #85B8FF }
```

# Background

The CSS property to change the background color of an element to Hex 85B8FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85B8FF }
```

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

```
.background{ background-color:#85B8FF }
```

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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