

Converting Colors

Hex(85C9FE)

Have a look what the booklet for
Hex(85C9FE) contains.

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Color

Hex(85C9FE)

Conversions

Conversions Part 1

Format	Color
Hex	85C9FE
RGB	133, 201, 254
RGB Percent	52%, 79%, 100%
CMY	0.4784, 0.2118, 0.0039
CMYK	0.48, 0.21, 0.00, 0.00
HSL	206°, 98%, 76%
HSV	206°, 48%, 100%
XYZ	48.4489, 53.9156, 101.6192
YIQ	186.7100, -57.5410, 2.0670

Conversions

Conversions Part 2

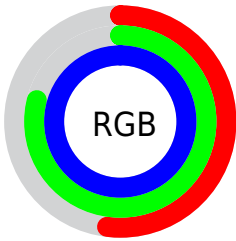
Format	Color
R_{YB}	133, 177, 254
Decimal	8767998
CIE _{Lab}	78.41, -7.54, -32.67
CIE _{LCh}	78, 33.529, 257.003
Yxy	53.9156, 0.2375, 0.2643
Android (android.graphics.Color)	4286958078 (0xFF85C9FE)
YUV	186.7100, 33.1740, -47.1037
Hunter-Lab	73.4272, -10.7194, -30.6549

Details

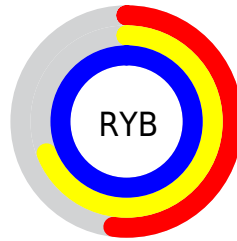
The Hex color **85C9FE** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FEBA85**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **BFFFFFF**, and **4A93C5** is the 20% darker color. If you saturate the color by 10%, you get **6CBEFE**, and if you desaturate by 10%, it is **9ED4FE**.

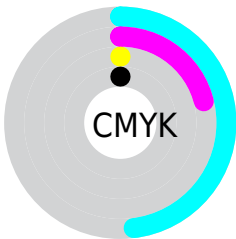
Distribution



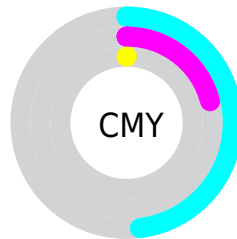
- Red (52%)
- Green (79%)
- Blue (100%)



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



- Cyan (48%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (48%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85C9FE 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 85C9FE by changing the saturation by 10% instead.

 85C9FE

 85C9FE

FFFFFF

 68AEE1


 BFFFFFF

 4A93C5

 DDFFFF

 2879AA

 FBFFFF

 00618F

 004975

 00335C

 001E44

 00042E

 000118

 85C9FE

 85C9FE

 6CBEFE

 9ED4FE

 52B3FE

 B8DFFE

 39A8FE

 D1EAFE

 1F9CFE

 EBF6FE

 0691FE

FFFFFFE

 008FFE

Harmonies

Analogous

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



62D0EF



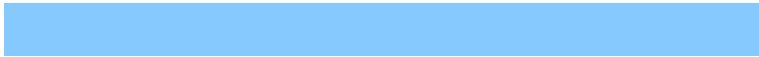
85C9FE



B3BFFD

Triad

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



85C9FE



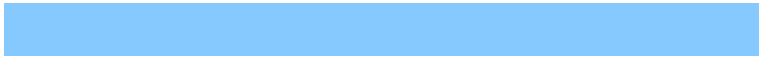
FFABB1



A2CE97

Complementary

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



85C9FE



FEBA85

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.



C6C686



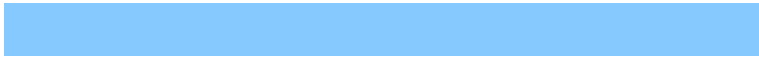
85C9FE



F9B196

Square

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



85C9FE



F7ACD1



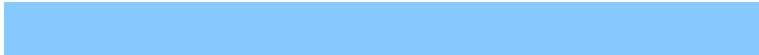
E4BB86



7ED2B3

Rectangle

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



85C9FE



D0B7F4



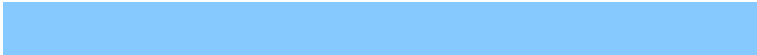
E4BB86



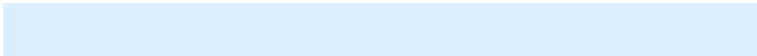
AFCB8F

Sweetspot

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



85C9FE



DBEFFF



85FEB9



6A7680



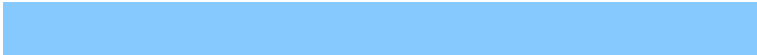
000000



808080

Same Dimension

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



85C9FE



6EBFFF



858DFE



737A80



006BBF



002440

Inverse Universe

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



FE85C9



FF6EBF



FEF685



80737A



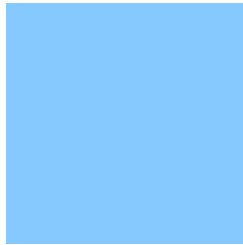
BF006B



400024

Previews

White Background



This preview shows how the Hex color 85C9FE looks on a white background.

Color Contrast Check

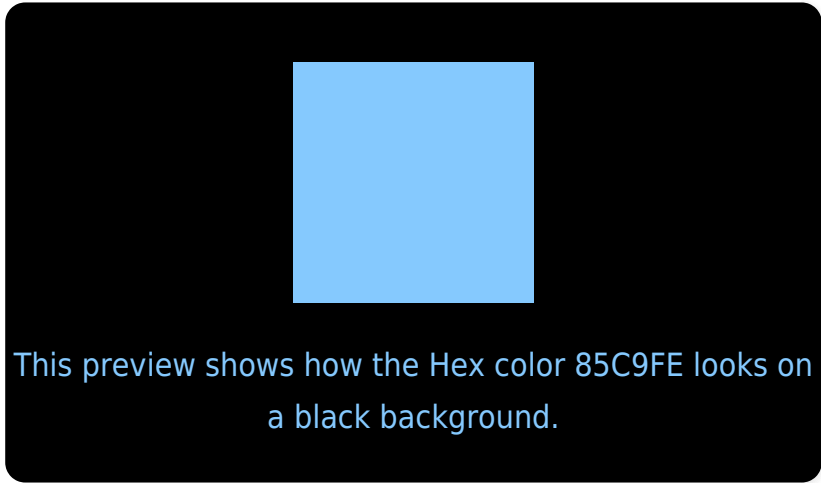
Large Text (above 18pt) WCAG AA × Fail

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

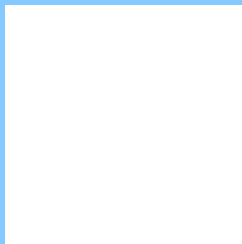
Any Text WCAG AAA ✓ Pass

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

Hex 85C9FE Background



This preview shows how black text looks on a background with the Hex color 85C9FE.

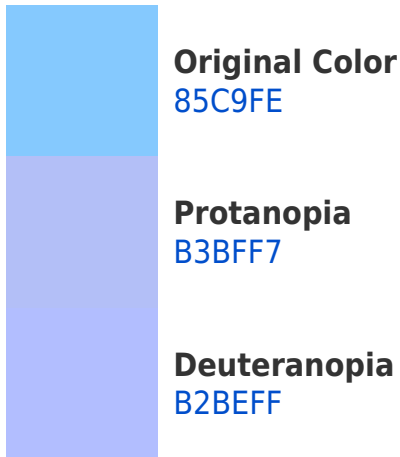


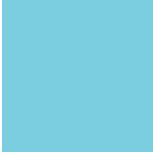
This preview shows how white text looks on a background with the Hex color 85C9FE.

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](#).

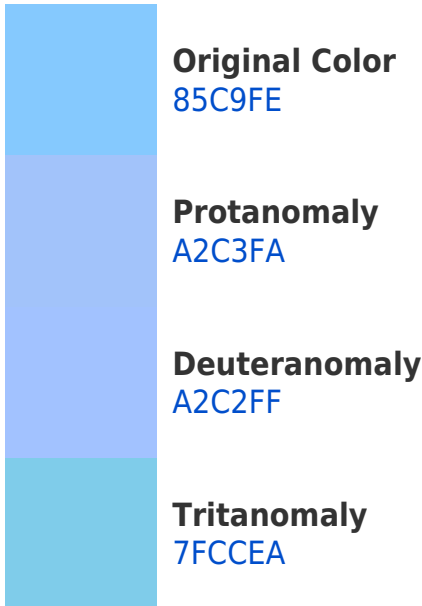
Dichromacy



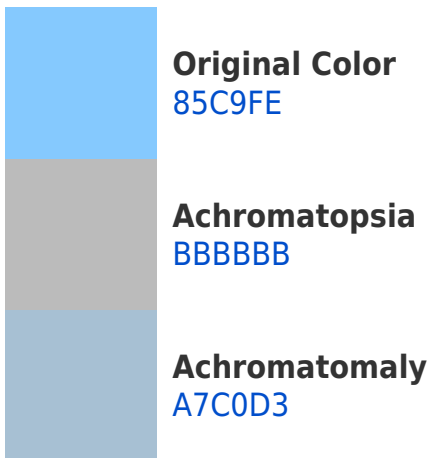


Tritanopia
7BCEDF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85C9FE 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 #85C9FE looks like.

```
.text, #text, p{  
    color:#85C9FE  
}
```

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 #85C9FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85C9FE  
}
```

Border

The CSS property to change the border of an element to Hex 85C9FE 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  
#85C9FE }
```

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

```
.border{ border-color:#85C9FE }
```

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

Here you see how a box with a 4 pixel #85C9FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85C9FE; -webkit-box-shadow:4px 4px  
4px 4px #85C9FE; box-shadow:4px 4px 4px  
4px #85C9FE }
```

Background

The CSS property to change the background color of an element to Hex 85C9FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85C9FE }
```

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

```
.background{ background-color:#85C9FE }
```

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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