

Converting Colors

Hex(85CEF9)

Have a look what the booklet for
Hex(85CEF9) contains.

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Color

Hex(85CEF9)

Conversions

Conversions Part 1

Format	Color
Hex	85CEF9
RGB	133, 206, 249
RGB Percent	52%, 81%, 98%
CMY	0.4784, 0.1922, 0.0235
CMYK	0.47, 0.17, 0.00, 0.02
HSL	202°, 91%, 75%
HSV	202°, 47%, 98%
XYZ	48.8431, 55.9687, 97.8513
YIQ	189.0750, -57.3110, -2.1030

Conversions

Conversions Part 2

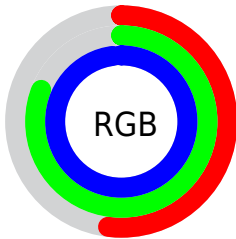
Format	Color
RYB	133, 178, 249
Decimal	8769273
CIELab	79.60, -11.56, -28.18
CIElCh	80, 30.462, 247.694
Yxy	55.9687, 0.2410, 0.2762
Android (android.graphics.Color)	4286959353 (0xFF85CEF9)
YUV	189.0750, 29.5430, -49.1778
Hunter-Lab	74.8122, -14.3832, -25.1803

Details

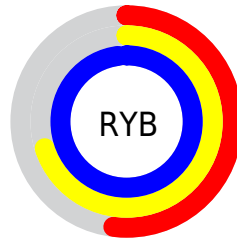
The Hex color **85CEF9** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F9B085**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **BFFFFFF**, and **4A98C0** is the 20% darker color. If you saturate the color by 10%, you get **6CC5F9**, and if you desaturate by 10%, it is **9ED7F9**.

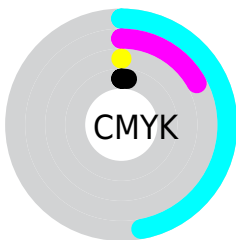
Distribution



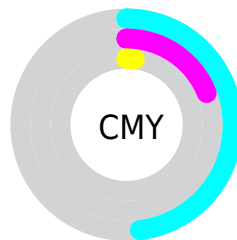
- Red (52%)
- Green (81%)
- Blue (98%)



- Red (52%)
- Yellow (70%)
- Blue (98%)



- Cyan (47%)
- Magenta (17%)
- Yellow (0%)
- Black (2%)



- Cyan (48%)
- Magenta (19%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85CEF9 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 85CEF9 by changing the saturation by 10% instead.

 85CEF9

 85CEF9

FFFFFF

 68B3DC

 BFFFFFF

 4A98C0

 DCFFFF

 297EA5

 FAFFFF

 00658B

 004D71

 003658

 002141

 00032B

 000115

 85CEF9

 85CEF9

 6CC5F9

 9ED7F9

 53BCF9


 B7E0F9

 3AB2F9

 D0EAF9

 21A9F9

 E9F3F9

 08A0F9

 FFFCF9

 009DF9

 FFFFF9

Harmonies

Analogous

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



6FD3E7



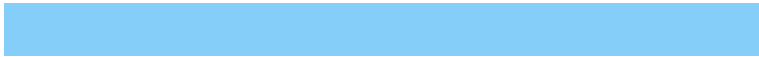
85CEF9



ACC5FD

Triad

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



85CEF9



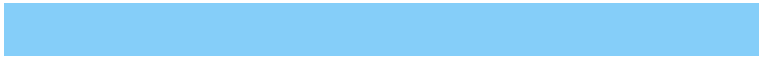
FEB0BF



B3CE98

Complementary

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



85CEF9



F9B085

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.



D2C68D



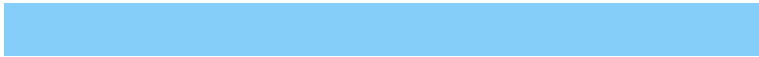
85CEF9



FCB4A4

Square

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



85CEF9



F0B3DB



ECBC91



92D3AF

Rectangle

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



85CEF9



C7BFF7



ECBC91



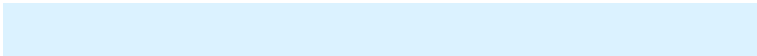
BECC92

Sweetspot

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



85CEF9



DBF2FF



85F9B0



6A7780



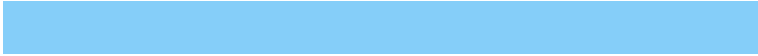
000000



808080

Same Dimension

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



85CEF9



70CAFF



8594F9



70787D



0077BD



00273D

Inverse Universe

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



F985CE



FF70CA



F9EA85



7D7078



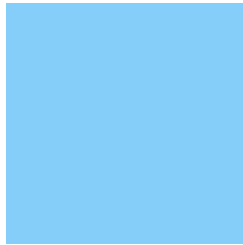
BD0077



3D0027

Previews

White Background



This preview shows how the Hex color 85CEF9 looks on a white background.

Color Contrast Check

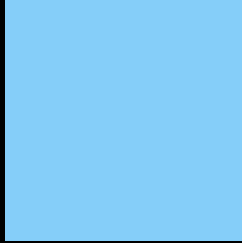
Large Text (above 18pt) WCAG AA × Fail

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 85CEF9 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

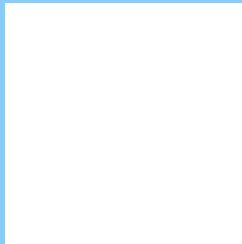
Any Text WCAG AAA ✓ Pass

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

Hex 85CEF9 Background



This preview shows how black text looks on a background with the Hex color 85CEF9.

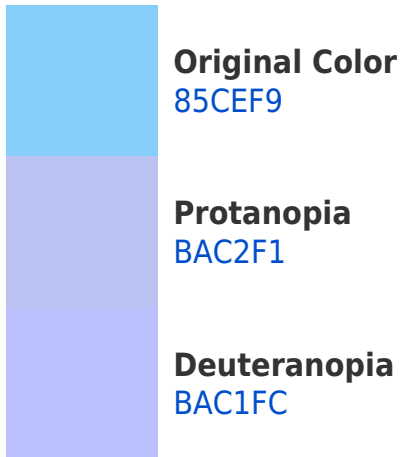


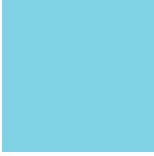
This preview shows how white text looks on a background with the Hex color 85CEF9.

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](#).

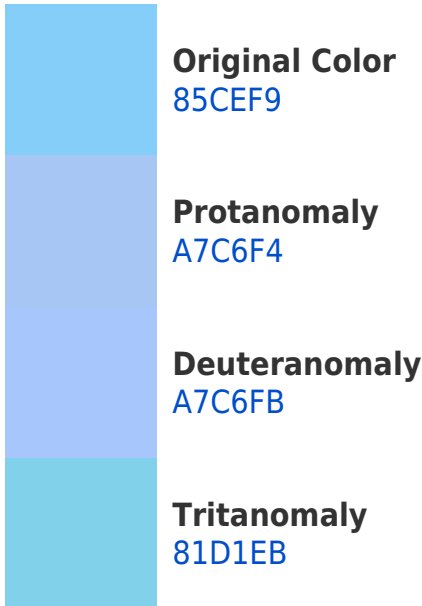
Dichromacy



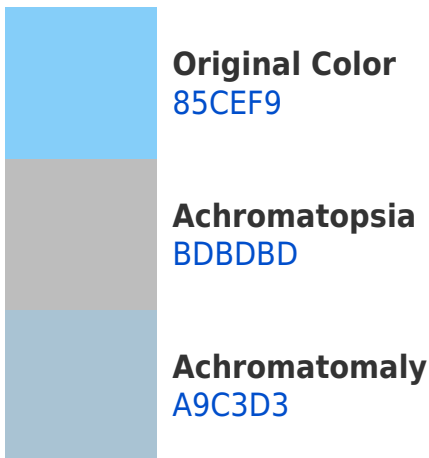


Tritanopia
7ED2E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85CEF9 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 #85CEF9 looks like.

```
.text, #text, p{  
    color:#85CEF9  
}
```

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 #85CEF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85CEF9
}
```

Border

The CSS property to change the border of an element to Hex 85CEF9 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
#85CEF9 }
```

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

```
.border{ border-color:#85CEF9 }
```

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

Here you see how a box with a 4 pixel #85CEF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85CEF9; -webkit-box-shadow:4px 4px  
4px 4px #85CEF9; box-shadow:4px 4px 4px  
4px #85CEF9 }
```

Background

The CSS property to change the background color of an element to Hex 85CEF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85CEF9 }
```

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

```
.background{ background-color:#85CEF9 }
```

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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