

Converting Colors

Hex(85D1F9)

Have a look what the booklet for
Hex(85D1F9) contains.

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Color

Hex(85D1F9)

Conversions

Conversions Part 1

Format	Color
Hex	85D1F9
RGB	133, 209, 249
RGB Percent	52%, 82%, 98%
CMY	0.4784, 0.1804, 0.0235
CMYK	0.47, 0.16, 0.00, 0.02
HSL	201°, 91%, 75%
HSV	201°, 47%, 98%
XYZ	49.5722, 57.4270, 98.0943
YIQ	190.8360, -58.1360, -3.6720

Conversions

Conversions Part 2

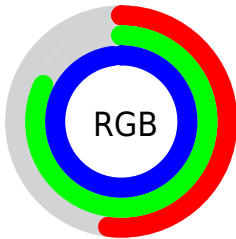
Format	Color
R _Y B	133, 179, 249
Decimal	8770041
CIE Lab	80.42, -13.13, -26.92
CIE LCh	80, 29.953, 244.008
Yxy	57.4270, 0.2417, 0.2800
Android (android.graphics.Color)	4286960121 (0xFF85D1F9)
YUV	190.8360, 28.6749, -50.7222
Hunter-Lab	75.7806, -15.8496, -23.7016

Details

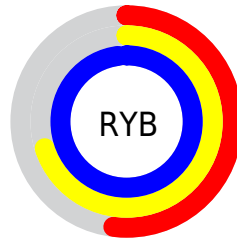
The Hex color **85D1F9** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F9AD85**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **BFFFFFF**, and **4A9BC0** is the 20% darker color. If you saturate the color by 10%, you get **6CC8F9**, and if you desaturate by 10%, it is **9EDAF9**.

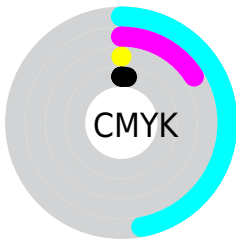
Distribution



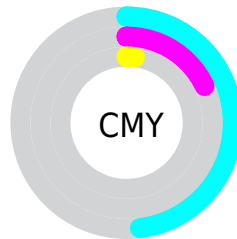
- Red (52%)
- Green (82%)
- Blue (98%)



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



- Cyan (47%)
- Magenta (16%)
- Yellow (0%)
- Black (2%)



- Cyan (48%)
- Magenta (18%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85D1F9 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 85D1F9 by changing the saturation by 10% instead.

 85D1F9

 85D1F9

FFFFFF

 68B5DC

 BFFFFFF

 4A9BC0

 DCFFFF

 2881A5

 FAFFFF

 00678B

 004F71

 003859

 002341

 00062B

 000115

85D1F9

85D1F9

6CC8F9

9EDAF9

53C0F9

B7E2F9

3AB7F9

D0EBF9

21AFF9

E9F3F9

08A6F9

FFFCF9

00A3F9

FFFFF9

Harmonies

Analogous

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



73D6E6



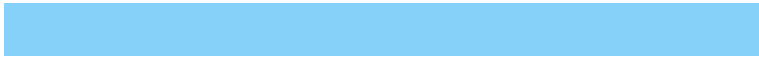
85D1F9



AAC9FF

Triad

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



85D1F9



FEB3C5



BACF99

Complementary

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



85D1F9



F9AD85

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.



D8C790



85D1F9



FFB6AA

Square

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



85D1F9



EFB7E1



F1BE96



99D5AE

Rectangle

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



85D1F9



C4C2FA



F1BE96



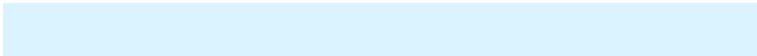
C4CD94

Sweetspot

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



85D1F9



DBF3FF



85F9AC



6A7880



000000



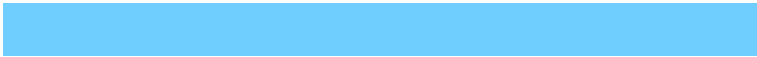
808080

Same Dimension

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



85D1F9



70CEFF



8598F9



70797D



007CBD



00283D

Inverse Universe

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



F985D1



FF70CE



F9E685



7D7079



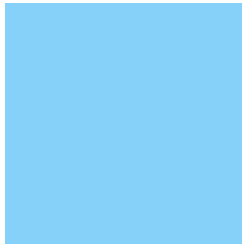
BD007C



3D0028

Previews

White Background



This preview shows how the Hex color 85D1F9 looks on a white background.

Color Contrast Check

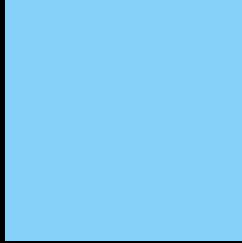
Large Text (above 18pt) WCAG AA × Fail

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 85D1F9 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

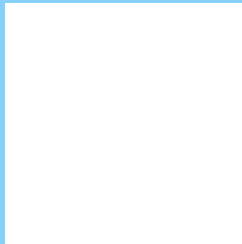
Any Text WCAG AAA ✓ Pass

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

Hex 85D1F9 Background



This preview shows how black text looks on a background with the Hex color 85D1F9.

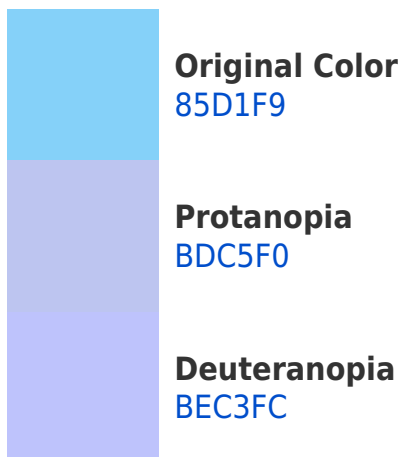


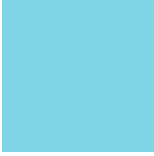
This preview shows how white text looks on a background with the Hex color 85D1F9.

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](#).

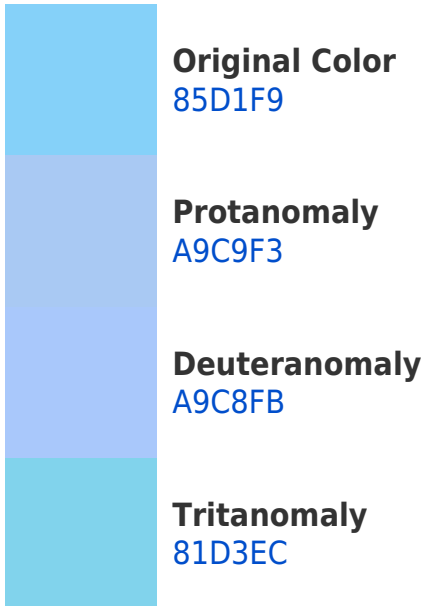
Dichromacy



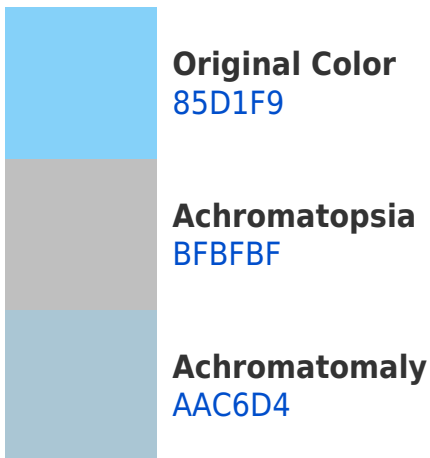


Tritanopia
7FD4E5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85D1F9 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 #85D1F9 looks like.

```
.text, #text, p{  
    color:#85D1F9  
}
```

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 #85D1F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85D1F9
}
```

Border

The CSS property to change the border of an element to Hex 85D1F9 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
#85D1F9 }
```

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

```
.border{ border-color:#85D1F9 }
```

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

Here you see how a box with a 4 pixel #85D1F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85D1F9; -webkit-box-shadow:4px 4px  
4px 4px #85D1F9; box-shadow:4px 4px 4px  
4px #85D1F9 }
```

Background

The CSS property to change the background color of an element to Hex 85D1F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85D1F9 }
```

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

```
.background{ background-color:#85D1F9 }
```

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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