

Converting Colors

Hex(85B9F3)

Have a look what the booklet for
Hex(85B9F3) contains.

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Color

Hex(85B9F3)

Conversions

Conversions Part 1

Format	Color
Hex	85B9F3
RGB	133, 185, 243
RGB Percent	52%, 73%, 95%
CMY	0.4784, 0.2745, 0.0471
CMYK	0.45, 0.24, 0.00, 0.05
HSL	212°, 82%, 74%
HSV	212°, 45%, 95%
XYZ	43.1995, 46.1555, 91.4261
YIQ	176.0640, -49.6100, 7.0140

Conversions

Conversions Part 2

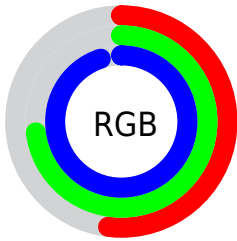
Format	Color
RYB	133, 168, 243
Decimal	8763891
CIELab	73.65, -1.98, -34.12
CIElCh	74, 34.178, 266.684
Yxy	46.1555, 0.2390, 0.2553
Android (android.graphics.Color)	4286953971 (0xFF85B9F3)
YUV	176.0640, 32.9994, -37.7671
Hunter-Lab	67.9379, -5.3889, -32.2319

Details

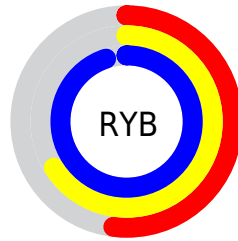
The Hex color **85B9F3** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F3BF85**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **BEF1FF**, and **4C84BB** is the 20% darker color. If you saturate the color by 10%, you get **6DACF3**, and if you desaturate by 10%, it is **9DC6F3**.

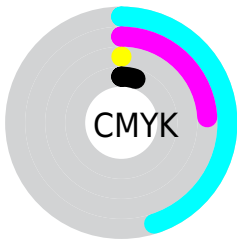
Distribution



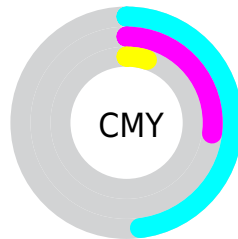
- Red (52%)
- Green (73%)
- Blue (95%)



- Red (52%)
- Yellow (66%)
- Blue (95%)



- Cyan (45%)
- Magenta (24%)
- Yellow (0%)
- Black (5%)



- Cyan (48%)
- Magenta (27%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85B9F3 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 85B9F3 by changing the saturation by 10% instead.

 85B9F3

 85B9F3

FFFFFF

 699ED6

 BEF1FF

 4C84BB

 DBFFFF

 2D6B9F

 F9FFFF

 005385

 003C6C

 002753

 00123C

 000225

 00010E

 85B9F3

 85B9F3

 6DACF3

 9DC6F3

 549FF3

 B6D3F3

 3C93F3

 CEDFF3

 2486F3

 E6ECF3

 0C79F3

 FEF9F3

 0073F3

 FFFFF3

Harmonies

Analogous

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



58C1E8



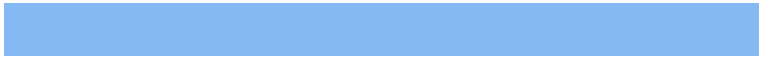
85B9F3



B4AEED

Triad

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



85B9F3



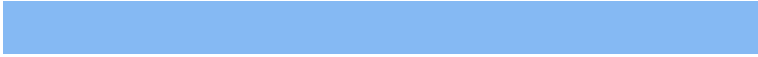
F39F9A



89C292

Complementary

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



85B9F3



F3BF85

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.



ADBC7C



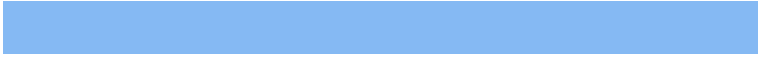
85B9F3



E6A782

Square

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



85B9F3



EF9EBA



CEB276



64C6B0

Rectangle

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



85B9F3



CFA7E0



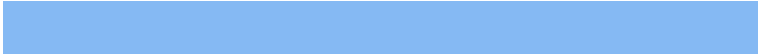
CEB276



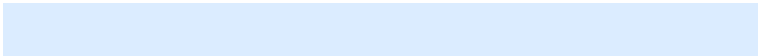
95C189

Sweetspot

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



85B9F3



DBECFF



85F3BE



6A7480



000000



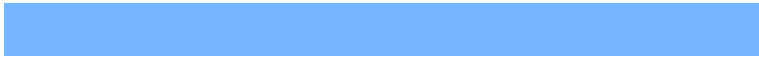
808080

Same Dimension

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



85B9F3



75B6FF



8785F3



6E747A



0058BA



001C3B

Inverse Universe

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



F385B9



FF75B6



F1F385



7A6E74



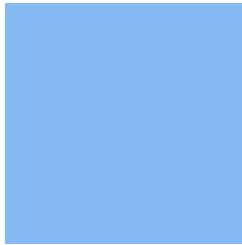
BA0058



3B001C

Previews

White Background



This preview shows how the Hex color 85B9F3 looks on a white background.

Color Contrast Check

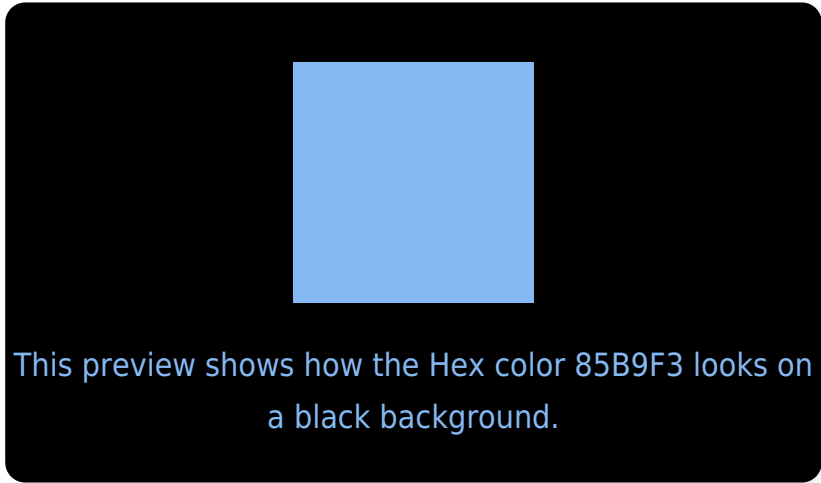
Large Text (above 18pt) WCAG AA × Fail

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

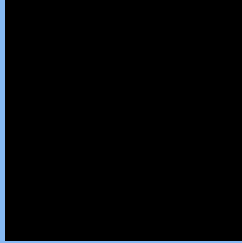
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

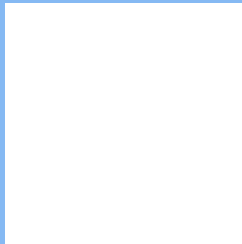
Any Text WCAG AAA ✓ Pass

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

Hex 85B9F3 Background



This preview shows how black text looks on a background with the Hex color 85B9F3.

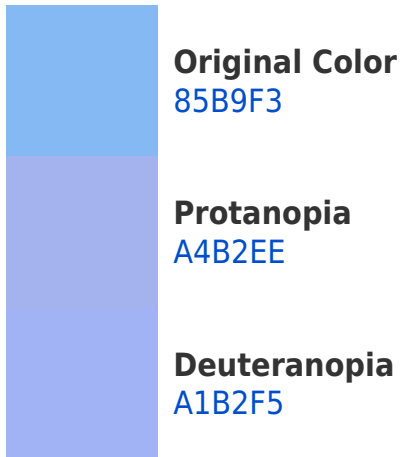


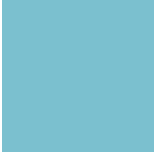
This preview shows how white text looks on a background with the Hex color 85B9F3.

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

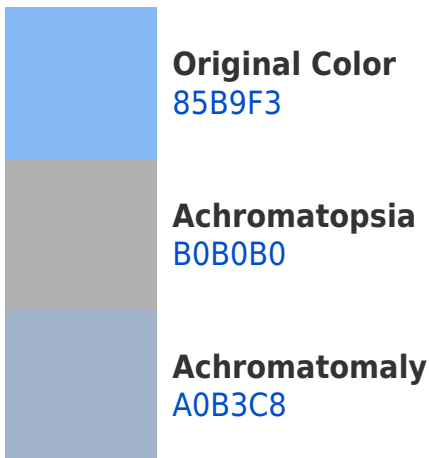




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85B9F3 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 #85B9F3 looks like.

```
.text, #text, p{  
    color:#85B9F3  
}
```

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 #85B9F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85B9F3
}
```

Border

The CSS property to change the border of an element to Hex 85B9F3 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
#85B9F3 }
```

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

```
.border{ border-color:#85B9F3 }
```

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

Here you see how a box with a 4 pixel #85B9F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85B9F3; -webkit-box-shadow:4px 4px  
4px 4px #85B9F3; box-shadow:4px 4px 4px  
4px #85B9F3 }
```

Background

The CSS property to change the background color of an element to Hex 85B9F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85B9F3 }
```

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

```
.background{ background-color:#85B9F3 }
```

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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