

Converting Colors

Hex(85B8F1)

Have a look what the booklet for
Hex(85B8F1) contains.

Hex(85B8F1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(85B8F1)

Conversions

Conversions Part 1

Format	Color
Hex	85B8F1
RGB	133, 184, 241
RGB Percent	52%, 72%, 95%
CMY	0.4784, 0.2784, 0.0549
CMYK	0.45, 0.24, 0.00, 0.05
HSL	212°, 79%, 73%
HSV	212°, 45%, 95%
XYZ	42.6905, 45.6184, 89.7743
YIQ	175.2490, -48.6930, 6.9150

Conversions

Conversions Part 2

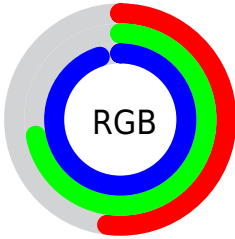
Format	Color
RYB	133, 168, 241
Decimal	8763633
CIELab	73.30, -1.99, -33.58
CIElCh	73, 33.638, 266.612
Yxy	45.6184, 0.2397, 0.2562
Android (android.graphics.Color)	4286953713 (0xFF85B8F1)
YUV	175.2490, 32.4152, -37.0524
Hunter-Lab	67.5414, -5.3739, -31.5278

Details

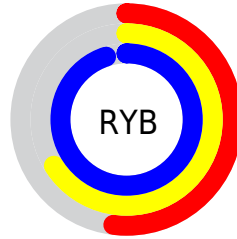
The Hex color **85B8F1** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F1BE85**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **BEF0FF**, and **4C83B9** is the 20% darker color. If you saturate the color by 10%, you get **6DABF1**, and if you desaturate by 10%, it is **9DC5F1**.

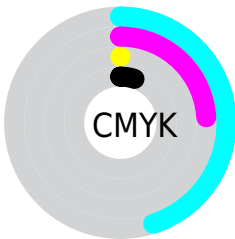
Distribution



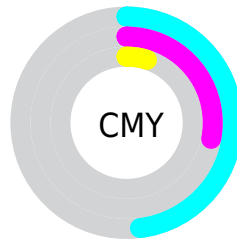
- Red (52%)
- Green (72%)
- Blue (95%)



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



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



- Cyan (48%)
- Magenta (28%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85B8F1 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 85B8F1 by changing the saturation by 10% instead.

 85B8F1

 85B8F1

FFFFFF

 699DD5

 BEF0FF

 4C83B9

 DBFFFF

 2D6A9E

 F9FFFF

 005283

 003B6A

 002651

 00113A

 000224

 00000C

 85B8F1

 85B8F1

 6DABF1

 9DC5F1

 559FF1

 B5D1F1

 3D92F1

 CDDEF1

 2585F1

 E5EBF1

 0D78F1

 FDF8F1

 0072F1

 FFFFF1

Harmonies

Analogous

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



5AC0E7



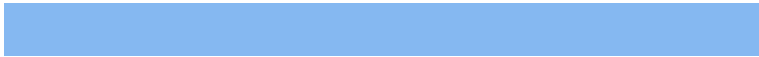
85B8F1



B3ADEB

Triad

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



85B8F1



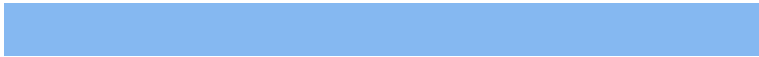
F19F9A



89C191

Complementary

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



85B8F1



F1BE85

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.



ADBA7C



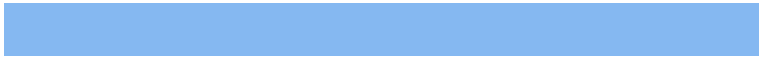
85B8F1



E5A682

Square

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



85B8F1



ED9DB9



CDB176



65C5AF

Rectangle

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



85B8F1



CDA6DF



CDB176



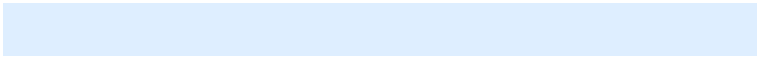
95BF89

Sweetspot

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



85B8F1



DDEEFF



85F1BD



6B7580



000000



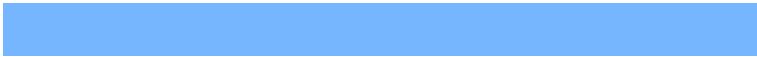
808080

Same Dimension

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



85B8F1



75B6FF



8785F1



6C7278



0057B8



001A38

Inverse Universe

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



F185B8



FF75B6



EFF185



786C72



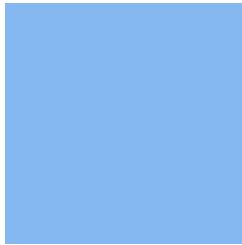
B80057



38001A

Previews

White Background



This preview shows how the Hex color 85B8F1 looks on a white background.

Color Contrast Check

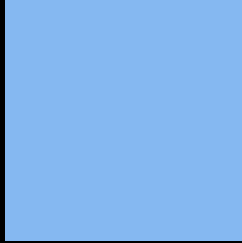
Large Text (above 18pt) WCAG AA × Fail

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 85B8F1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

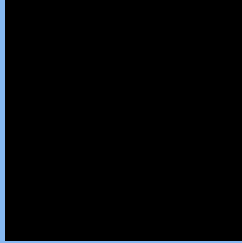
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

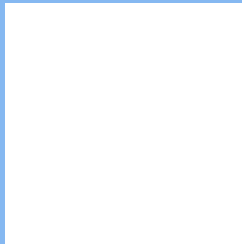
Any Text WCAG AAA ✓ Pass

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

Hex 85B8F1 Background



This preview shows how black text looks on a background with the Hex color 85B8F1.

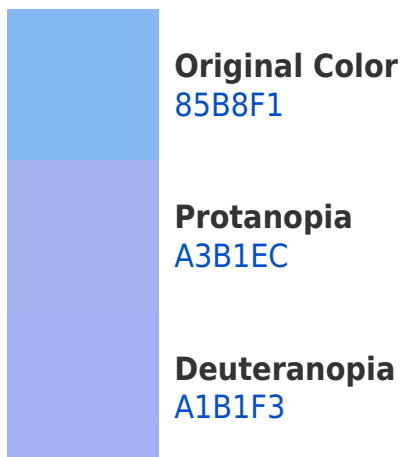


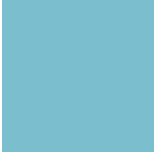
This preview shows how white text looks on a background with the Hex color 85B8F1.

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](#).

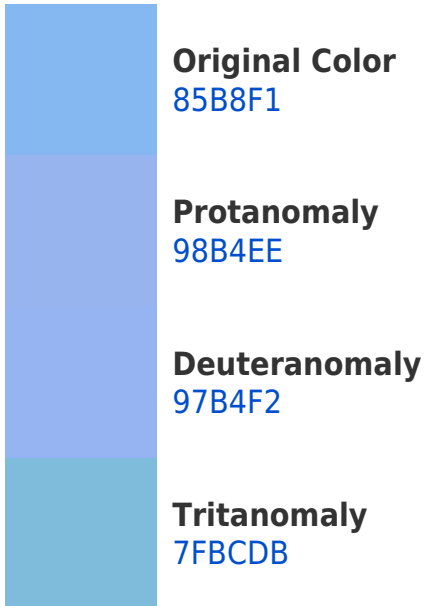
Dichromacy



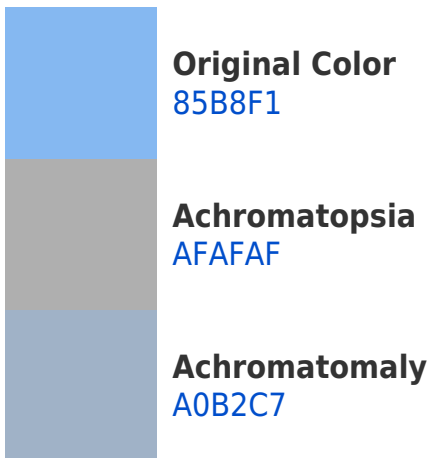


Tritanopia
7BBECE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85B8F1 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 #85B8F1 looks like.

```
.text, #text, p{  
    color:#85B8F1  
}
```

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 #85B8F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85B8F1  
}
```

Border

The CSS property to change the border of an element to Hex 85B8F1 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  
#85B8F1 }
```

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

```
.border{ border-color:#85B8F1 }
```

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

Here you see how a box with a 4 pixel #85B8F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85B8F1; -webkit-box-shadow:4px 4px  
4px 4px #85B8F1; box-shadow:4px 4px 4px  
4px #85B8F1 }
```

Background

The CSS property to change the background color of an element to Hex 85B8F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85B8F1 }
```

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

```
.background{ background-color:#85B8F1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor