

Converting Colors

Hex(85C8F1)

Have a look what the booklet for
Hex(85C8F1) contains.

Hex(85C8F1)	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(85C8F1)

Conversions

Conversions Part 1

Format	Color
Hex	85C8F1
RGB	133, 200, 241
RGB Percent	52%, 78%, 95%
CMY	0.4784, 0.2157, 0.0549
CMYK	0.45, 0.17, 0.00, 0.05
HSL	203°, 79%, 73%
HSV	203°, 45%, 95%
XYZ	46.2043, 52.6460, 90.9456
YIQ	184.6410, -53.0930, -1.4530

Conversions

Conversions Part 2

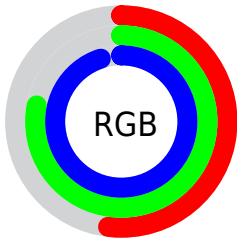
Format	Color
R _Y B	133, 174, 241
Decimal	8767729
CIE Lab	77.67, -10.59, -26.86
CIE LCh	78, 28.871, 248.488
Yxy	52.6460, 0.2434, 0.2774
Android (android.graphics.Color)	4286957809 (0xFF85C8F1)
YUV	184.6410, 27.7850, -45.2892
Hunter-Lab	72.5575, -13.3077, -23.5254

Details

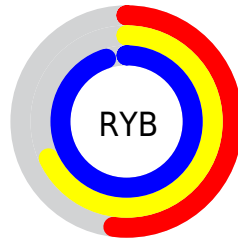
The Hex color **85C8F1** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F1AE85**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **BEFFFF**, and **4C92B9** is the 20% darker color. If you saturate the color by 10%, you get **6DBFF1**, and if you desaturate by 10%, it is **9DD1F1**.

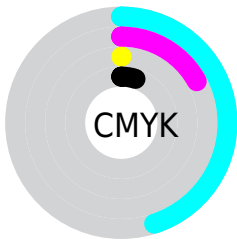
Distribution



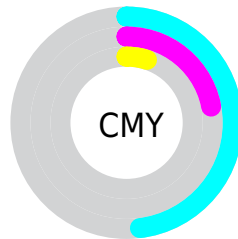
- Red (52%)
- Green (78%)
- Blue (95%)



- Red (52%)
- Yellow (68%)
- Blue (95%)



- Cyan (45%)
- Magenta (17%)
- Yellow (0%)
- Black (5%)



- Cyan (48%)
- Magenta (22%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85C8F1 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 85C8F1 by changing the saturation by 10% instead.

 85C8F1

 85C8F1

FFFFFF

 69ADD5

 BEFFFF

 4C92B9

 DCFFFF

 2C789E

 F9FFFF

 006084

 00486A

 003252

 001D3B

 000225

 00010D

 85C8F1

 85C8F1

 6DBFF1

 9DD1F1

 55B6F1

 B5DAF1

 3DADF1

 CDE3F1

 25A3F1

 E5EDF1

 0D9AF1

 FDF6F1

 0096F1

 FFFFF1

Harmonies

Analogous

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



70CDE0



85C8F1



A9C0F4

Triad

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



85C8F1



F6ACB9



AEC895

Complementary

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



85C8F1



F1AE85

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.



CCC18B



85C8F1



F3B0A0

Square

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



85C8F1



E9AFD4



E4B88F



8FCDAB

Rectangle

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



85C8F1



C2BAEF



E4B88F



B8C690

Sweetspot

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



85C8F1



DEF2FF



85F1AD



6B7880



000000



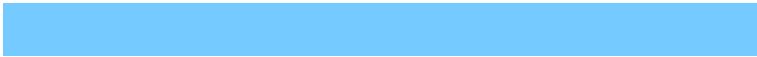
808080

Same Dimension

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



85C8F1



75CBFF



8593F1



6C7378



0072B8



002338

Inverse Universe

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



F185C8



FF75CB



F1E385



786C73



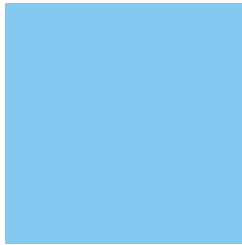
B80072



380023

Previews

White Background



This preview shows how the Hex color 85C8F1 looks on a white background.

Color Contrast Check

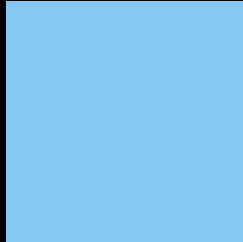
Large Text (above 18pt) WCAG AA × Fail

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 85C8F1 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

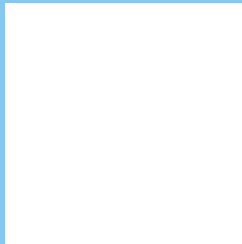
Any Text WCAG AAA ✓ Pass

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

Hex 85C8F1 Background



This preview shows how black text looks on a background with the Hex color 85C8F1.

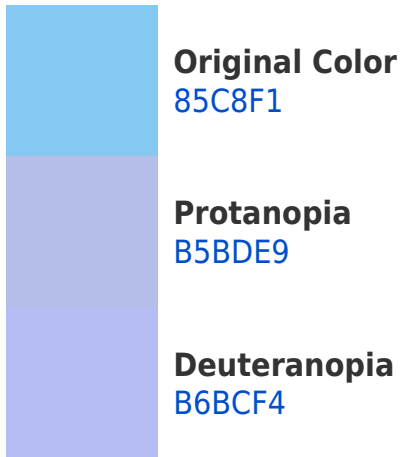


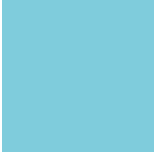
This preview shows how white text looks on a background with the Hex color 85C8F1.

Color Blindness Simulation

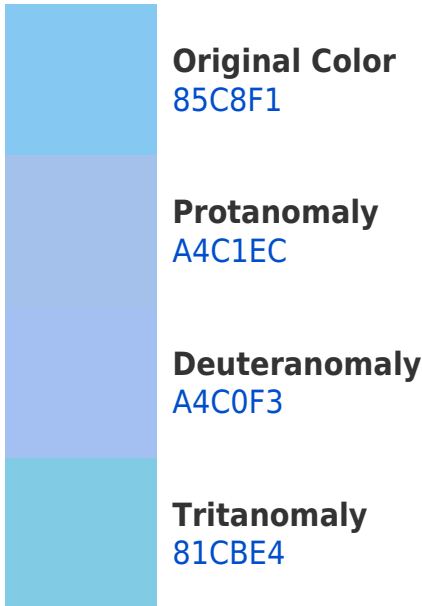
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

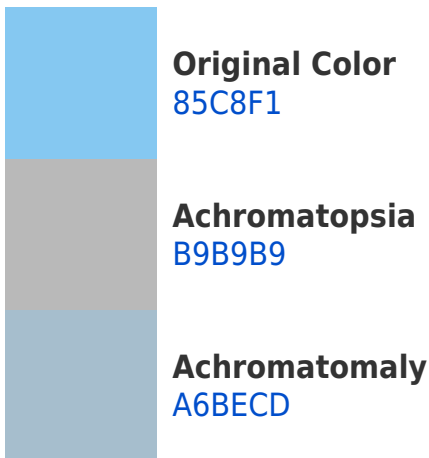




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85C8F1 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 #85C8F1 looks like.

```
.text, #text, p{  
    color:#85C8F1  
}
```

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 #85C8F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85C8F1
}
```

Border

The CSS property to change the border of an element to Hex 85C8F1 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
#85C8F1 }
```

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

```
.border{ border-color:#85C8F1 }
```

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

Here you see how a box with a 4 pixel #85C8F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85C8F1; -webkit-box-shadow:4px 4px  
4px 4px #85C8F1; box-shadow:4px 4px 4px  
4px #85C8F1 }
```

Background

The CSS property to change the background color of an element to Hex 85C8F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85C8F1 }
```

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

```
.background{ background-color:#85C8F1 }
```

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