

Converting Colors

Hex(87C7EA)

Have a look what the booklet for
Hex(87C7EA) contains.

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Color

Hex(87C7EA)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 87C7EA |
| RGB | 135, 199, 234 |
| RGB Percent | 53%, 78%, 92% |
| CMY | 0.4706, 0.2196, 0.0824 |
| CMYK | 0.42, 0.15, 0.00, 0.08 |
| HSL | 201°, 70%, 72% |
| HSV | 201°, 42%, 92% |
| XYZ | 45.2664, 51.9383, 85.4812 |
| YIQ | 183.8540, -49.3790, -2.6830 |

Conversions

Conversions Part 2

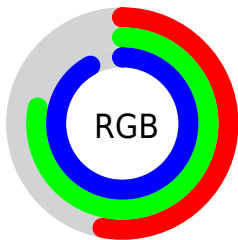
| Format | Color |
|-------------------------------------|--|
| RYB | 135, 174, 234 |
| Decimal | 8898538 |
| CIELab | 77.24, -11.45, -23.74 |
| CIElCh | 77, 26.353, 244.252 |
| Yxy | 51.9383, 0.2478, 0.2843 |
| Android (android.graphics.Color) | 4287088618 (0xFF87C7EA) |
| YUV | 183.8540, 24.7220, -42.8450 |
| Hunter-Lab | 72.0682, -14.0027, -19.8770 |

Details

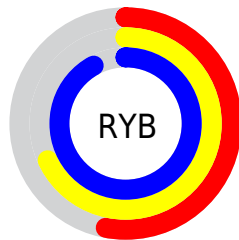
The Hex color **87C7EA** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **EAAA87**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **C0FFFF**, and **4F91B2** is the 20% darker color. If you saturate the color by 10%, you get **70BFEA**, and if you desaturate by 10%, it is **9ECFEA**.

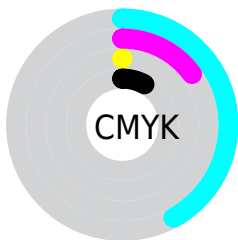
Distribution



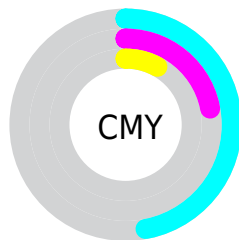
- Red (53%)
- Green (78%)
- Blue (92%)



- Red (53%)
- Yellow (68%)
- Blue (92%)



- Cyan (42%)
- Magenta (15%)
- Yellow (0%)
- Black (8%)



- Cyan (47%)
- Magenta (22%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87C7EA 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 87C7EA by changing the saturation by 10% instead.

 87C7EA

 87C7EA

FFFFFF

 6BACCE

 C0FFFF

 4F91B2

 DDFFFF

 317797

 FAFFFF

 075F7D

 004764

 00314C

 001C35

 000220

 000004

87C7EA

87C7EA

70BFEA

9ECFEA

58B6EA

B6D8EA

41AEEA

CDE0EA

29A6EA

E5E8EA

129EEA

FCF0EA

0097EA

FFF9EA

FFFFEA

Harmonies

Analogous

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



78CBD9



87C7EA



A6C0EF

Triad

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



87C7EA



EFADBC



B3C696

Complementary

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



87C7EA



EAAA87

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.



CDBE8E



87C7EA



EFB0A4

Square

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



87C7EA



E1B0D4



E3B694



97CBA9

Rectangle

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



87C7EA



BDBAEB



E3B694



BCC392

Sweetspot

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



87C7EA



DEF3FF



87EAAA



6B7880



000000



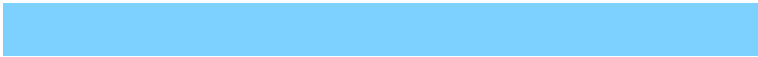
808080

Same Dimension

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



87C7EA



7DD1FF



8796EA



6A7175



0075B5



002336

Inverse Universe

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



EA87C7



FF7DD1



EADB87



756A71



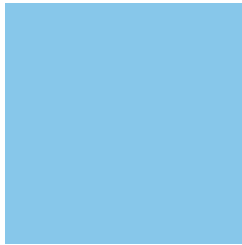
B50075



360023

Previews

White Background



This preview shows how the Hex color 87C7EA looks on a white background.

Color Contrast Check

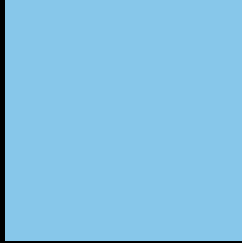
Large Text (above 18pt) WCAG AA × Fail

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 87C7EA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

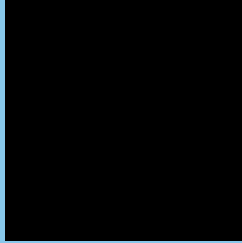
Any Text WCAG AA ✓ Pass

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 87C7EA Background



This preview shows how black text looks on a background with the Hex color 87C7EA.

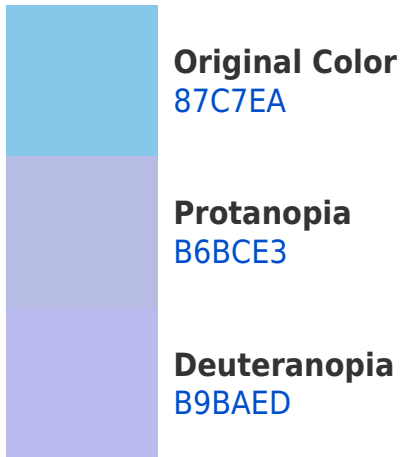


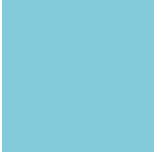
This preview shows how white text looks on a background with the Hex color 87C7EA.

Color Blindness Simulation

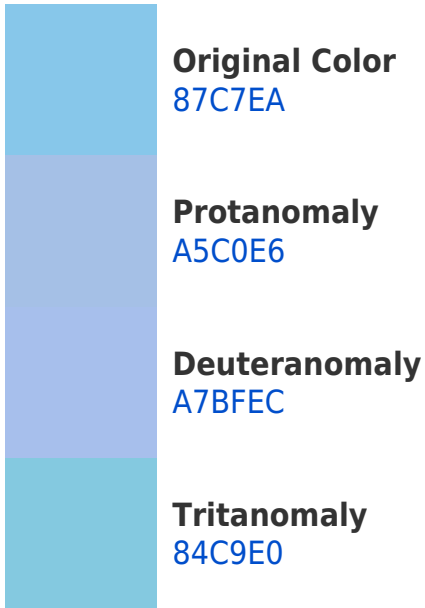
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

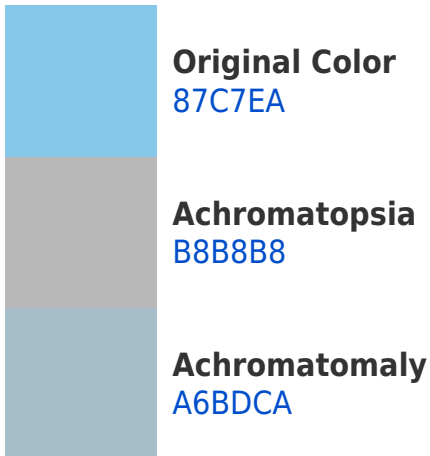




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87C7EA 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 #87C7EA looks like.

```
.text, #text, p{  
    color:#87C7EA  
}
```

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 #87C7EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87C7EA
}
```

Border

The CSS property to change the border of an element to Hex 87C7EA 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
#87C7EA }
```

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

```
.border{ border-color:#87C7EA }
```

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

Here you see how a box with a 4 pixel #87C7EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87C7EA; -webkit-box-shadow:4px 4px  
4px 4px #87C7EA; box-shadow:4px 4px 4px  
4px #87C7EA }
```

Background

The CSS property to change the background color of an element to Hex 87C7EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87C7EA }
```

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

```
.background{ background-color:#87C7EA }
```

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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