

Converting Colors

Hex(87B5E8)

Have a look what the booklet for
Hex(87B5E8) contains.

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Color

Hex(87B5E8)

Conversions

Conversions Part 1

Format	Color
Hex	87B5E8
RGB	135, 181, 232
RGB Percent	53%, 71%, 91%
CMY	0.4706, 0.2902, 0.0902
CMYK	0.42, 0.22, 0.00, 0.09
HSL	212°, 68%, 72%
HSV	212°, 42%, 91%
XYZ	41.0810, 44.0248, 82.6764
YIQ	173.0600, -43.7870, 6.1090

Conversions

Conversions Part 2

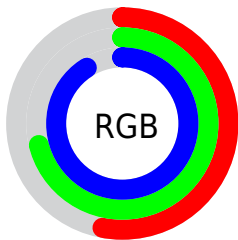
Format	Color
RYB	135, 166, 232
Decimal	8893928
CIELab	72.25, -2.33, -30.31
CIElCh	72, 30.404, 265.611
Yxy	44.0248, 0.2448, 0.2624
Android (android.graphics.Color)	4287084008 (0xFF87B5E8)
YUV	173.0600, 29.0574, -33.3786
Hunter-Lab	66.3512, -5.5972, -27.4320

Details

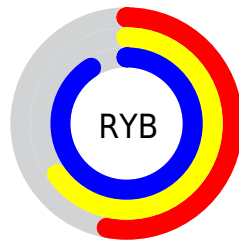
The Hex color **87B5E8** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E8BA87**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **BFEDFF**, and **5080B0** is the 20% darker color. If you saturate the color by 10%, you get **70A9E8**, and if you desaturate by 10%, it is **9EC1E8**.

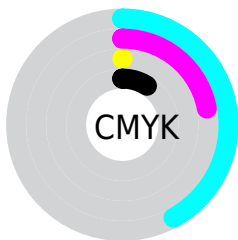
Distribution



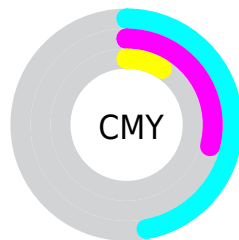
- Red (53%)
- Green (71%)
- Blue (91%)



- Red (53%)
- Yellow (65%)
- Blue (91%)



- Cyan (42%)
- Magenta (22%)
- Yellow (0%)
- Black (9%)



- Cyan (47%)
- Magenta (29%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87B5E8 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 87B5E8 by changing the saturation by 10% instead.

 87B5E8

 87B5E8

FFFFFF

 6B9ACC

 BFEDFF

 5080B0

 DCFFFF

 336795

 FAFFFF

 0E4F7B

 003962

 00244A

 000E33

 00021E

 000000

■ 87B5E8

■ 87B5E8

■ 70A9E8

■ 9EC1E8

■ 599DE8

■ B5CDE8

■ 4190E8

■ CDDAE8

■ 2A84E8

■ E4E6E8

■ 1378E8

■ FBF2E8

■ 006EE8

■ FFFEE8

■ FFFFE8

Harmonies

Analogous

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



63BCDE



87B5E8



B0ABE3

Triad

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



87B5E8



E99E9A



8CBD91

Complementary

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



87B5E8



E8BA87

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.



ACB77E



87B5E8



DEA584

Square

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



87B5E8



E59DB6



C9AE7A



6DC0AC

Rectangle

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



87B5E8



C7A5D8



C9AE7A



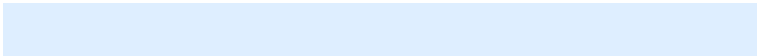
97BB8A

Sweetspot

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



87B5E8



DDEEFF



87E8B9



6B7580



000000



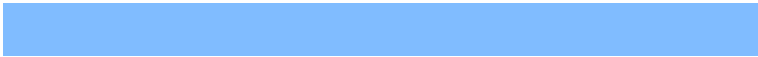
808080

Same Dimension

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



87B5E8



80BCFF



8987E8



676D73



0055B3



001833

Inverse Universe

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



E887B5



FF80BC



E6E887



73676D



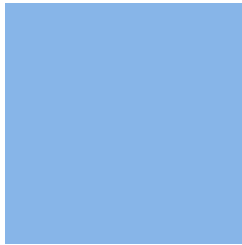
B30055



330018

Previews

White Background



This preview shows how the Hex color 87B5E8 looks on a white background.

Color Contrast Check

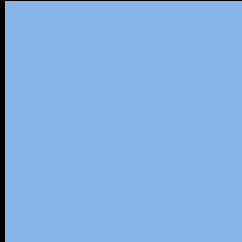
Large Text (above 18pt) WCAG AA × Fail

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 87B5E8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

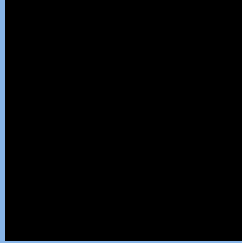
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

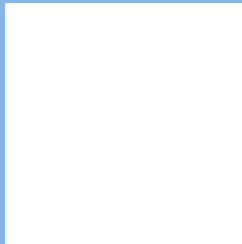
Any Text WCAG AAA ✓ Pass

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

Hex 87B5E8 Background



This preview shows how black text looks on a background with the Hex color 87B5E8.

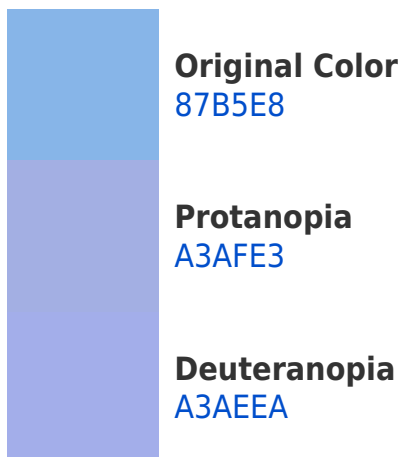


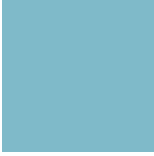
This preview shows how white text looks on a background with the Hex color 87B5E8.

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](#).

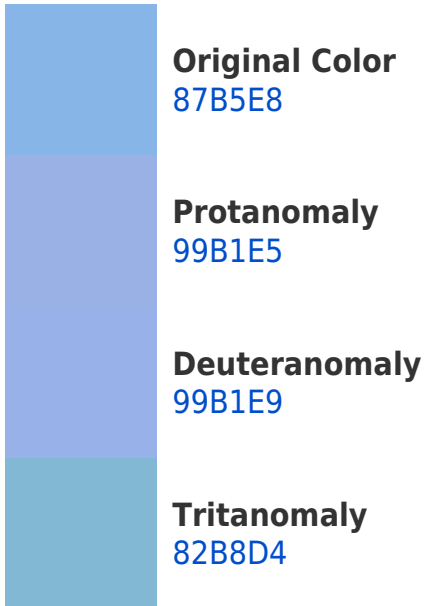
Dichromacy



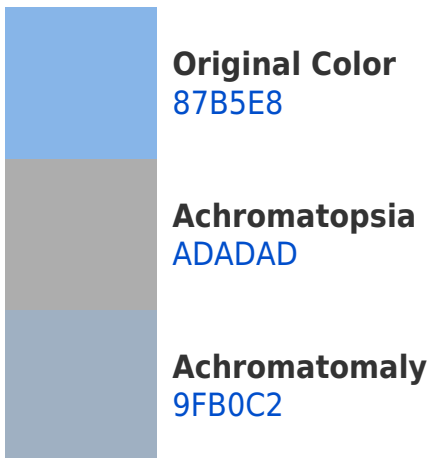


Tritanopia
7FBAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87B5E8 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 #87B5E8 looks like.

```
.text, #text, p{  
    color:#87B5E8  
}
```

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 #87B5E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87B5E8  
}
```

Border

The CSS property to change the border of an element to Hex 87B5E8 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  
#87B5E8 }
```

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

```
.border{ border-color:#87B5E8 }
```

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

Here you see how a box with a 4 pixel #87B5E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87B5E8; -webkit-box-shadow:4px 4px  
4px 4px #87B5E8; box-shadow:4px 4px 4px  
4px #87B5E8 }
```

Background

The CSS property to change the background color of an element to Hex 87B5E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87B5E8 }
```

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

```
.background{ background-color:#87B5E8 }
```

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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