

Converting Colors

Hex(83E9F8)

Have a look what the booklet for
Hex(83E9F8) contains.

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Color

Hex(83E9F8)

Conversions

Conversions Part 1

Format	Color
Hex	83E9F8
RGB	131, 233, 248
RGB Percent	51%, 91%, 97%
CMY	0.4863, 0.0863, 0.0275
CMYK	0.47, 0.06, 0.00, 0.03
HSL	188°, 89%, 74%
HSV	188°, 47%, 97%
XYZ	55.4423, 69.8804, 99.3731
YIQ	204.2120, -65.6070, -16.9590

Conversions

Conversions Part 2

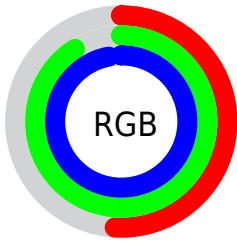
Format	Color
RYB	131, 185, 248
Decimal	8645112
CIELab	86.94, -25.93, -16.52
CIELCh	87, 30.744, 212.501
Yxy	69.8804, 0.2467, 0.3110
Android (android.graphics.Color)	4286835192 (0xFF83E9F8)
YUV	204.2120, 21.5875, -64.2069
Hunter-Lab	83.5945, -27.9041, -11.9649

Details

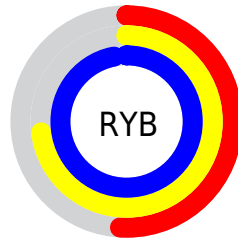
The Hex color **83E9F8** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F89283**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **BEFFFF**, and **46B1C0** is the 20% darker color. If you saturate the color by 10%, you get **6AE6F8**, and if you desaturate by 10%, it is **9CECF8**.

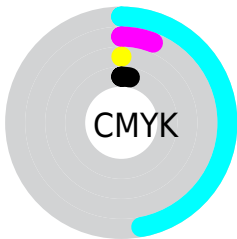
Distribution



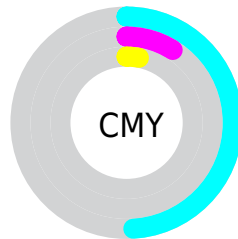
- Red (51%)
- Green (91%)
- Blue (97%)



- Red (51%)
- Yellow (73%)
- Blue (97%)



- Cyan (47%)
- Magenta (6%)
- Yellow (0%)
- Black (3%)



- Cyan (49%)
- Magenta (9%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83E9F8 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 83E9F8 by changing the saturation by 10% instead.

 83E9F8

 83E9F8

FFFFFF

 65CDD8

 BEFFFF

 46B1C0

 DCFFFF

 1F96A5

 FAFFFF

 007C8A

 006371

 004B58

 003341

 00202B

 000117

 83E9F8

 83E9F8

 6AE6F8

 9CECF8

 51E3F8

 B5EFF8

 39DFF8

 CDF3F8

 20DCF8

 E6F6F8

 07D9F8

 FFF9F8

 00D8F8

 FFFCF8

 FFFFF8

Harmonies

Analogous

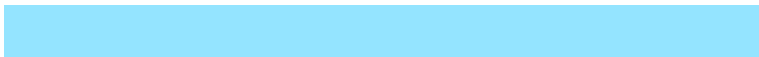
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8FEADB



83E9F8



94E4FF

Triad

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



83E9F8



FFC9F5



EDD99F

Complementary

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



83E9F8



F89283

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.



FFCFA7



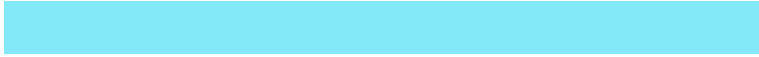
83E9F8



FFC4D8

Square

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



83E9F8



E1D1FF



FFC7BC



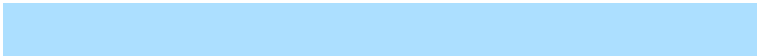
CDE1A8

Rectangle

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



83E9F8



ACDFFF



FFC7BC



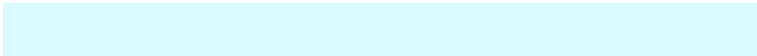
F6D5A0

Sweetspot

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



83E9F8



DBFAFF



83F891



6A7D80



000000



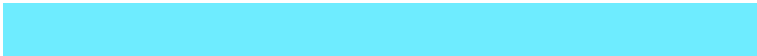
808080

Same Dimension

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



83E9F8



6EECFE



83B0F8



707B7D



00A5BD



00353D

Inverse Universe

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



F883E9



FF6EEC



F8CB83



7D707B



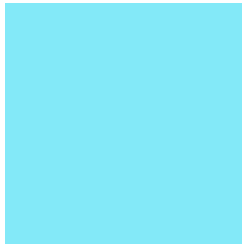
BD00A5



3D0035

Previews

White Background



This preview shows how the Hex color 83E9F8 looks on a white background.

Color Contrast Check

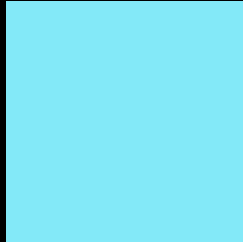
Large Text (above 18pt) WCAG AA × Fail

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 83E9F8 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 83E9F8 Background



This preview shows how black text looks on a background with the Hex color 83E9F8.

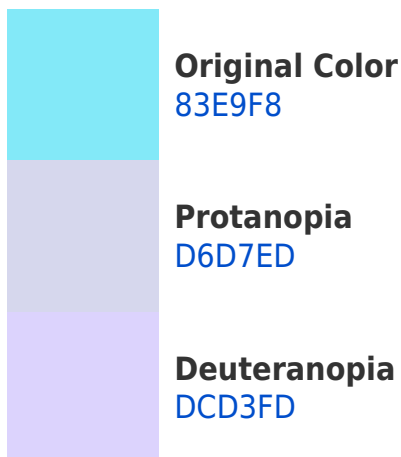


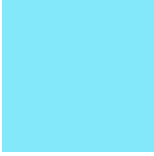
This preview shows how white text looks on a background with the Hex color 83E9F8.

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



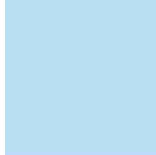


Tritanopia
84E8FB

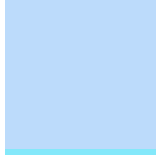
Trichromacy



Original Color
83E9F8



Protanomaly
B8DEF1



Deuteranomaly
BCDBFB

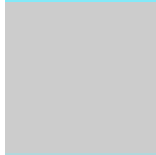


Tritanomaly
84E8FA

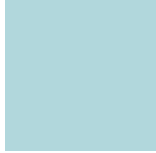
Monochromacy



Original Color
83E9F8



Achromatopsia
CCCCCC



Achromatomaly
B1D7DC

CSS Examples

Text

The CSS property to change the color of the text to Hex 83E9F8 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 #83E9F8 looks like.

```
.text, #text, p{  
    color:#83E9F8  
}
```

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 #83E9F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83E9F8
}
```

Border

The CSS property to change the border of an element to Hex 83E9F8 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
#83E9F8 }
```

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

```
.border{ border-color:#83E9F8 }
```

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

Here you see how a box with a 4 pixel #83E9F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83E9F8; -webkit-box-shadow:4px 4px  
4px 4px #83E9F8; box-shadow:4px 4px 4px  
4px #83E9F8 }
```

Background

The CSS property to change the background color of an element to Hex 83E9F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83E9F8 }
```

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

```
.background{ background-color:#83E9F8 }
```

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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