

Converting Colors

Hex(83E5F1)

Have a look what the booklet for
Hex(83E5F1) contains.

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Color

Hex(83E5F1)

Conversions

Conversions Part 1

Format	Color
Hex	83E5F1
RGB	131, 229, 241
RGB Percent	51%, 90%, 95%
CMY	0.4863, 0.1020, 0.0549
CMYK	0.46, 0.05, 0.00, 0.05
HSL	187°, 80%, 73%
HSV	187°, 46%, 95%
XYZ	53.2566, 67.2148, 93.3859
YIQ	201.0660, -62.2600, -17.0440

Conversions

Conversions Part 2

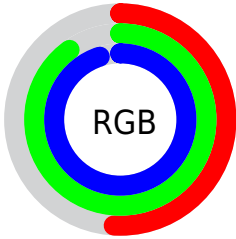
Format	Color
R_{YB}	131, 183, 241
Decimal	8644081
CIE _{Lab}	85.61, -25.78, -14.83
CIE _{LCh}	86, 29.738, 209.909
Yxy	67.2148, 0.2490, 0.3143
Android (android.graphics.Color)	4286834161 (0xFF83E5F1)
YUV	201.0660, 19.6875, -61.4479
Hunter-Lab	81.9846, -27.5209, -10.1460

Details

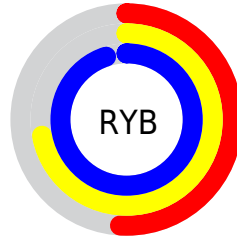
The Hex color **83E5F1** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F18F83**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **BDFFFF**, and **47ADB9** is the 20% darker color. If you saturate the color by 10%, you get **6BE2F1**, and if you desaturate by 10%, it is **9BE8F1**.

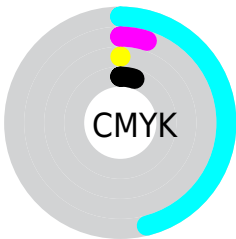
Distribution



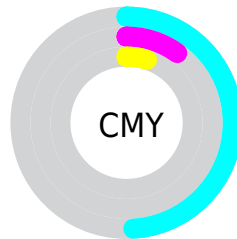
- Red (51%)
- Green (90%)
- Blue (95%)



- Red (51%)
- Yellow (72%)
- Blue (95%)



- Cyan (46%)
- Magenta (5%)
- Yellow (0%)
- Black (5%)



- Cyan (49%)
- Magenta (10%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83E5F1 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 83E5F1 by changing the saturation by 10% instead.

 83E5F1

 83E5F1

FFFFFF

 66C9D5

 BDFFFF

 47ADB9

 DBFFFF

 23929E

 F9FFFF

 007984

 005F6B

 004753

 00303B

 001D26

 000110

 83E5F1

 83E5F1

 6BE2F1

 9BE8F1

 53E0F1

 B3EAF1

 3BDDF1

 CBEDF1

 23DAF1

 E3F0F1

 0AD8F1

 FBF2F1

 00D7F1

 FFF5F1

 FFF7F1

 FFFAF1

 FFFDF1

Harmonies

Analogous

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



90E6D5



83E5F1



91E0FF

Triad

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



83E5F1



FAC6F3



EBD49E

Complementary

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



83E5F1



F18F83

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.



FFCBA6



83E5F1



FFC2D7

Square

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



83E5F1



DACFF



FFC4BB



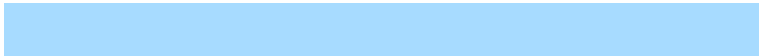
CDDA5

Rectangle

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



83E5F1



A7DBFF



FFC4BB



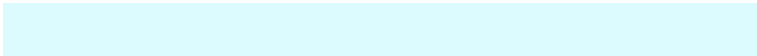
F4D19F

Sweetspot

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



83E5F1



DBFBFF



83F18E



6A7D80



000000



808080

Same Dimension

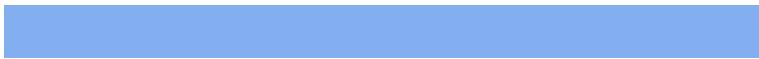
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83E5F1



73F0FF



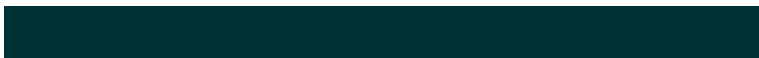
83AFF1



6C7778



00A4B8



003238

Inverse Universe

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



F183E5



FF73F0



F1C583



786C77



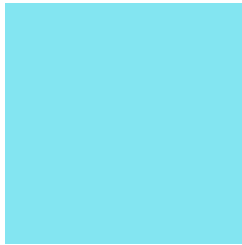
B800A4



380032

Previews

White Background



This preview shows how the Hex color 83E5F1 looks on a white background.

Color Contrast Check

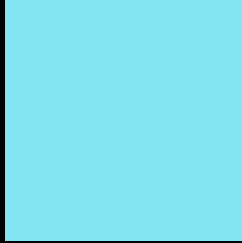
Large Text (above 18pt) WCAG AA × Fail

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 83E5F1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

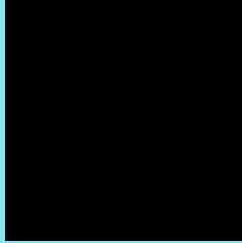
Any Text WCAG AA ✓ Pass

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 83E5F1 Background



This preview shows how black text looks on a background with the Hex color 83E5F1.

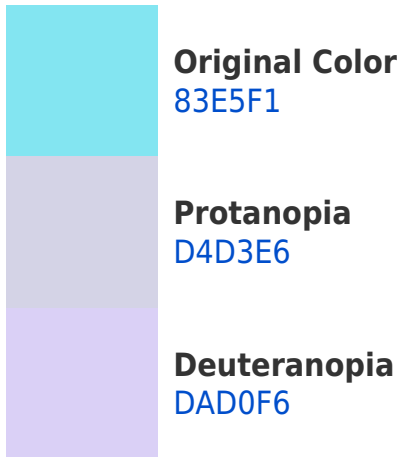


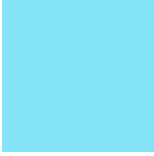
This preview shows how white text looks on a background with the Hex color 83E5F1.

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



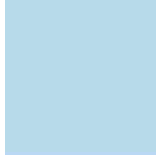


Tritanopia
85E4F7

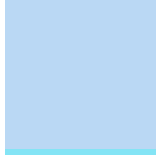
Trichromacy



Original Color
83E5F1



Protanomaly
B7DAEA



Deuteranomaly
BAD8F4

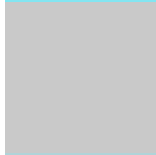


Tritanomaly
84E4F5

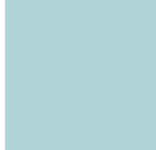
Monochromacy



Original Color
83E5F1



Achromatopsia
C9C9C9



Achromatomaly
B0D3D8

CSS Examples

Text

The CSS property to change the color of the text to Hex 83E5F1 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 #83E5F1 looks like.

```
.text, #text, p{  
    color:#83E5F1  
}
```

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 #83E5F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83E5F1
}
```

Border

The CSS property to change the border of an element to Hex 83E5F1 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
#83E5F1 }
```

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

```
.border{ border-color:#83E5F1 }
```

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

Here you see how a box with a 4 pixel #83E5F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83E5F1; -webkit-box-shadow:4px 4px  
4px 4px #83E5F1; box-shadow:4px 4px 4px  
4px #83E5F1 }
```

Background

The CSS property to change the background color of an element to Hex 83E5F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83E5F1 }
```

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

```
.background{ background-color:#83E5F1 }
```

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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