

Converting Colors

Hex(81BCF1)

Have a look what the booklet for
Hex(81BCF1) contains.

Hex(81BCF1)	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(81BCF1)

Conversions

Conversions Part 1

Format	Color
Hex	81BCF1
RGB	129, 188, 241
RGB Percent	51%, 74%, 95%
CMY	0.4941, 0.2627, 0.0549
CMYK	0.46, 0.22, 0.00, 0.05
HSL	208°, 80%, 73%
HSV	208°, 46%, 95%
XYZ	42.9137, 46.9844, 90.0262
YIQ	176.4010, -52.1770, 3.9750

Conversions

Conversions Part 2

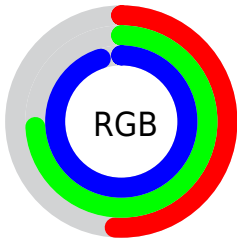
Format	Color
RYB	129, 168, 241
Decimal	8502513
CIELab	74.18, -5.13, -32.23
CIELCh	74, 32.638, 260.963
Yxy	46.9844, 0.2385, 0.2611
Android (android.graphics.Color)	4286692593 (0xFF81BCF1)
YUV	176.4010, 31.8473, -41.5707
Hunter-Lab	68.5452, -8.2017, -29.8889

Details

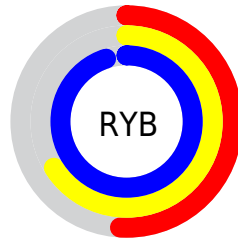
The Hex color **81BCF1** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F1B681**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **BAF4FF**, and **4787B9** is the 20% darker color. If you saturate the color by 10%, you get **69B1F1**, and if you desaturate by 10%, it is **99C7F1**.

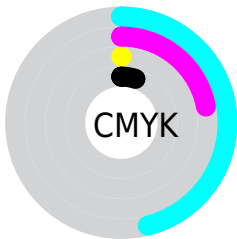
Distribution



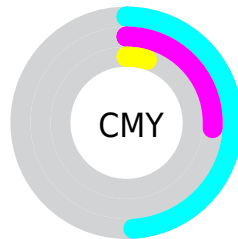
- Red (51%)
- Green (74%)
- Blue (95%)



- Red (51%)
- Yellow (66%)
- Blue (95%)



- Cyan (46%)
- Magenta (22%)
- Yellow (0%)
- Black (5%)



- Cyan (49%)
- Magenta (26%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81BCF1 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 81BCF1 by changing the saturation by 10% instead.

 81BCF1

 81BCF1

FFFFFF

 64A1D5

 BAF4FF

 4787B9

 D8FFFF

 266E9E

 F5FFFF

 005583


 003E6A


 002951

 00153A

 000224

 00000C

 81BCF1

 81BCF1

 69B1F1

 99C7F1

 51A5F1


 B1D3F1

 399AF1

 C9DEF1

 218EF1

 E1EAF1

 0883F1

 FAF5F1

 007FF1

 FFFFF1

Harmonies

Analogous

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



5CC3E4



81BCF1



AEB2EE

Triad

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



81BCF1



F2A1A2



93C290

Complementary

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



81BCF1



F1B681

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.



B6BB7E



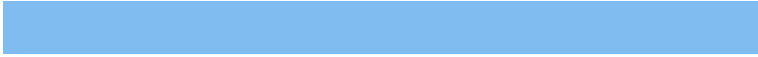
81BCF1



E9A789

Square

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



81BCF1



EBA1C1



D4B17B



70C6AC

Rectangle

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



81BCF1



C8ABE4



D4B17B



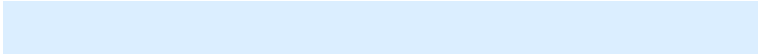
9FC088

Sweetspot

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



81BCF1



DBEEFF



81F1B5



6A7580



000000



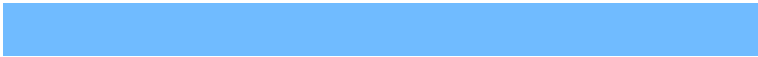
808080

Same Dimension

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



81BCF1



70BBFF



8185F1



6C7278



0061B8



001E38

Inverse Universe

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



F181BC



FF70BB



F1ED81



786C72



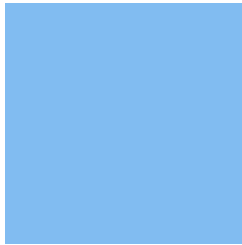
B80061



38001E

Previews

White Background



This preview shows how the Hex color 81BCF1 looks on a white background.

Color Contrast Check

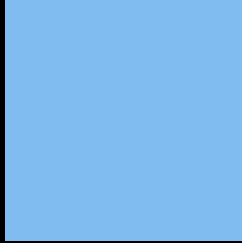
Large Text (above 18pt) WCAG AA × Fail

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 81BCF1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

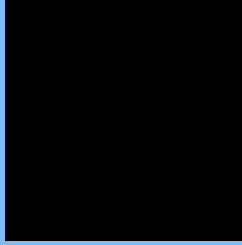
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

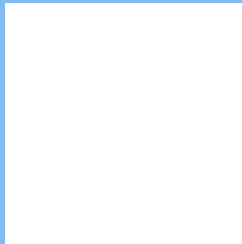
Any Text WCAG AAA ✓ Pass

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

Hex 81BCF1 Background



This preview shows how black text looks on a background with the Hex color 81BCF1.

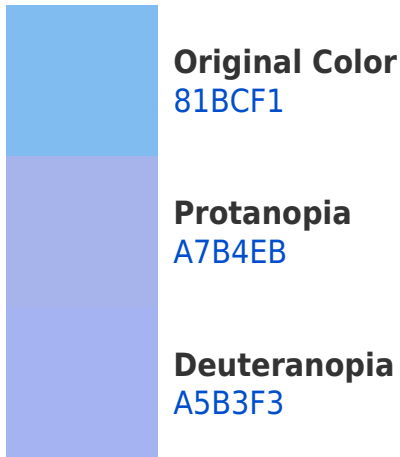


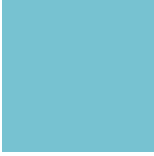
This preview shows how white text looks on a background with the Hex color 81BCF1.

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](#).

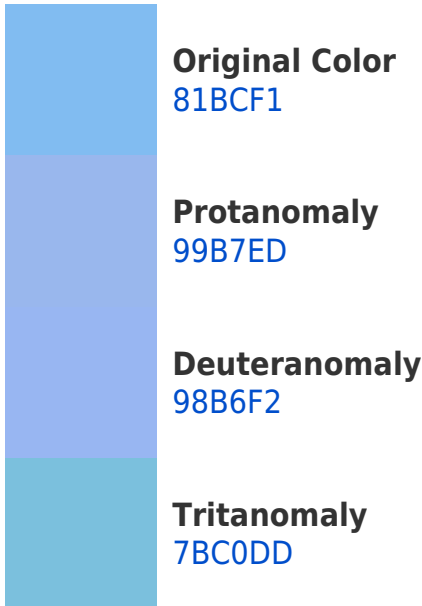
Dichromacy



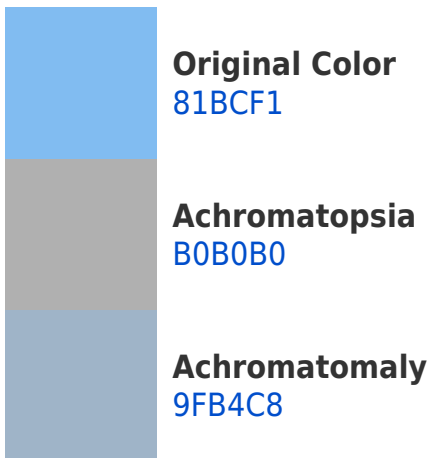


Tritanopia
77C2D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81BCF1 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 #81BCF1 looks like.

```
.text, #text, p{  
    color:#81BCF1  
}
```

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 #81BCF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81BCF1
}
```

Border

The CSS property to change the border of an element to Hex 81BCF1 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
#81BCF1 }
```

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

```
.border{ border-color:#81BCF1 }
```

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

Here you see how a box with a 4 pixel #81BCF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81BCF1; -webkit-box-shadow:4px 4px  
4px 4px #81BCF1; box-shadow:4px 4px 4px  
4px #81BCF1 }
```

Background

The CSS property to change the background color of an element to Hex 81BCF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81BCF1 }
```

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

```
.background{ background-color:#81BCF1 }
```

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