

Converting Colors

Hex(82BDF1)

Have a look what the booklet for
Hex(82BDF1) contains.

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Color

Hex(82BDF1)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 82BDF1 |
| RGB | 130, 189, 241 |
| RGB Percent | 51%, 74%, 95% |
| CMY | 0.4902, 0.2588, 0.0549 |
| CMYK | 0.46, 0.22, 0.00, 0.05 |
| HSL | 208°, 80%, 73% |
| HSV | 208°, 46%, 95% |
| XYZ | 43.2807, 47.4919, 90.1048 |
| YIQ | 177.2870, -51.8560, 3.6640 |

Conversions

Conversions Part 2

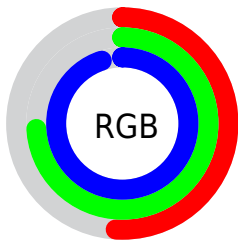
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 130, 169, 241 |
| Decimal | 8568305 |
| CIELab | 74.50, -5.43, -31.73 |
| CIELCh | 75, 32.191, 260.288 |
| Yxy | 47.4919, 0.2393, 0.2626 |
| Android (android.graphics.Color) | 4286758385 (0xFF82BDF1) |
| YUV | 177.2870, 31.4105, -41.4707 |
| Hunter-Lab | 68.9144, -8.4957, -29.2810 |

Details

The Hex color **82BDF1** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F1B682**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **BBF5FF**, and **4888B9** is the 20% darker color. If you saturate the color by 10%, you get **6AB2F1**, and if you desaturate by 10%, it is **9AC8F1**.

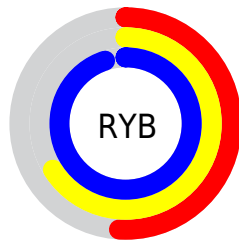
Distribution



Red (51%)

Green (74%)

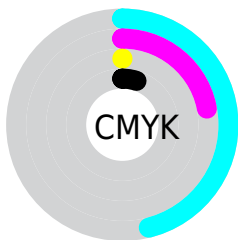
Blue (95%)



Red (51%)

Yellow (66%)

Blue (95%)

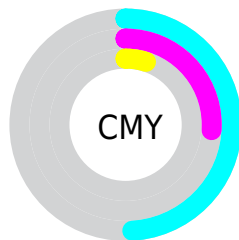


Cyan (46%)

Magenta (22%)

Yellow (0%)

Black (5%)



Cyan (49%)

Magenta (26%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82BDF1 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 82BDF1 by changing the saturation by 10% instead.

 82BDF1

 82BDF1

FFFFFF

 66A2D5

 BBF5FF

 4888B9

 D9FFFF

 286F9E

 F6FFFF

 005683

 003F6A

 002A52

 00153A

 000224

 00000C

■ 82BDF1

■ 82BDF1

■ 6AB2F1

■ 9AC8F1

■ 52A6F1

■ B2D4F1

■ 3A9BF1

■ CADFF1

■ 2290F1

■ E2EAF1

■ 0A85F1

■ FBF5F1

■ 0080F1

■ FFFFF1

Harmonies

Analogous

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



5EC4E4



82BDF1



AEB3EF

Triad

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



82BDF1



F3A2A4



95C391

Complementary

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



82BDF1



F1B682

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.



B7BC7F



82BDF1



EAA88B

Square

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



82BDF1



EBA2C2



D5B27D



73C7AC

Rectangle

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



82BDF1



C8ACE5



D5B27D



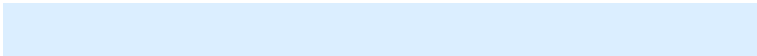
A1C189

Sweetspot

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



82BDF1



DBEEFF



82F1B6



6A7580



000000



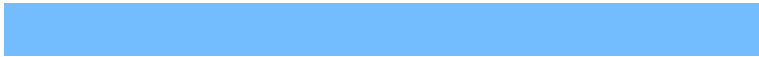
808080

Same Dimension

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



82BDF1



73BDFF



8286F1



6C7278



0062B8



001E38

Inverse Universe

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



F182BD



FF73BD



F1ED82



786C72



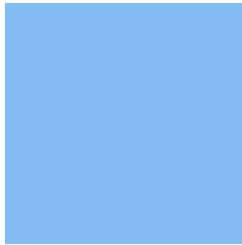
B80062



38001E

Previews

White Background



This preview shows how the Hex color 82BDF1 looks on a white background.

Color Contrast Check

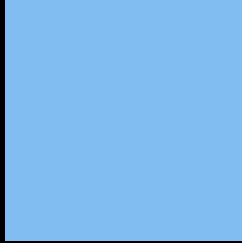
Large Text (above 18pt) WCAG AA × Fail

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 82BDF1 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

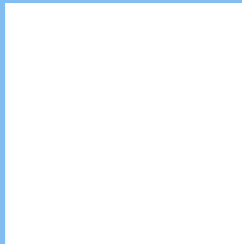
Any Text WCAG AAA ✓ Pass

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

Hex 82BDF1 Background



This preview shows how black text looks on a background with the Hex color 82BDF1.

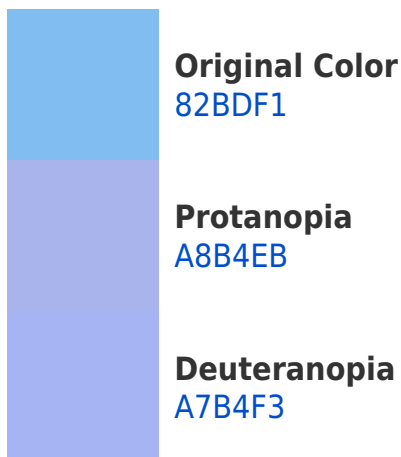


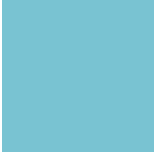
This preview shows how white text looks on a background with the Hex color 82BDF1.

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](#).

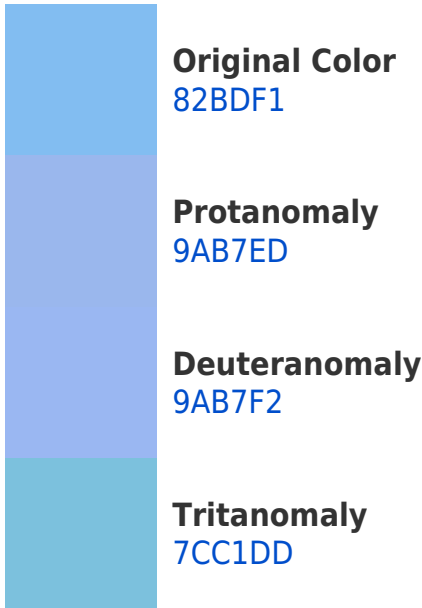
Dichromacy



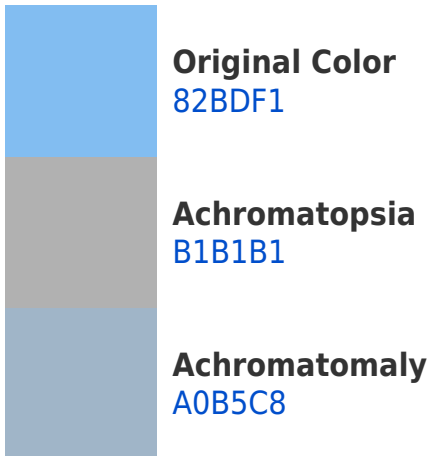


Tritanopia
79C3D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 82BDF1 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 #82BDF1 looks like.

```
.text, #text, p{  
    color:#82BDF1  
}
```

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 #82BDF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82BDF1
}
```

Border

The CSS property to change the border of an element to Hex 82BDF1 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
#82BDF1 }
```

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

```
.border{ border-color:#82BDF1 }
```

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

Here you see how a box with a 4 pixel #82BDF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82BDF1; -webkit-box-shadow:4px 4px  
4px 4px #82BDF1; box-shadow:4px 4px 4px  
4px #82BDF1 }
```

Background

The CSS property to change the background color of an element to Hex 82BDF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82BDF1 }
```

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

```
.background{ background-color:#82BDF1 }
```

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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