

# Converting Colors

Hex(82BFE0)

Have a look what the booklet for  
Hex(82BFE0) contains.

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# **Color**

**Hex(82BFE0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82BFE0
RGB	130, 191, 224
RGB Percent	51%, 75%, 88%
CMY	0.4902, 0.2510, 0.1216
CMYK	0.42, 0.15, 0.00, 0.12
HSL	201°, 60%, 69%
HSV	201°, 42%, 88%
XYZ	41.2913, 47.3892, 77.4918
YIQ	176.5230, -46.9490, -2.6690

# Conversions

## Conversions Part 2

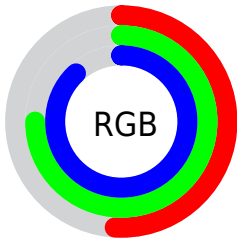
Format	Color
R <sub>YB</sub>	130, 167, 224
Decimal	8568800
CIE Lab	74.44, -11.14, -22.64
CIE LCh	74, 25.227, 243.806
Yxy	47.3892, 0.2485, 0.2852
Android (android.graphics.Color)	4286758880 (0xFF82BFE0)
YUV	176.5230, 23.4062, -40.8007
Hunter-Lab	68.8398, -13.4025, -18.5538

# Details

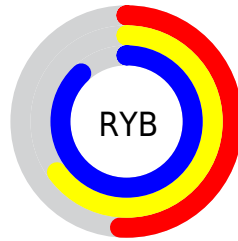
The Hex color **82BFE0** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E0A382**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **BAF7FF**, and **4A8AA9** is the 20% darker color. If you saturate the color by 10%, you get **6CB7E0**, and if you desaturate by 10%, it is **98C7E0**.

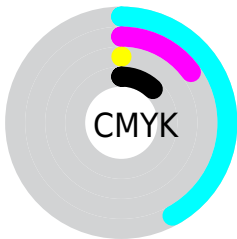
# Distribution



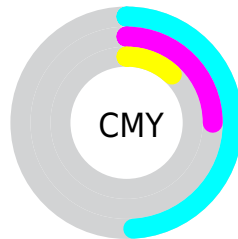
- Red (51%)
- Green (75%)
- Blue (88%)



- Red (51%)
- Yellow (65%)
- Blue (88%)



- Cyan (42%)
- Magenta (15%)
- Yellow (0%)
- Black (12%)



- Cyan (49%)
- Magenta (25%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82BFE0 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 82BFE0 by changing the saturation by 10% instead.



 82BFE0

 82BFE0

FFFFFF

 66A4C4

 BAF7FF

 4A8AA9

 D7FFFF

 2D708E

 F5FFFF

 025875

 00405C

 002A44

 00172E

 000119

 000000

82BFE0

82BFE0

6CB7E0

98C7E0

55AFE0

AFCFE0

3FA7E0

C5D7E0

28A0E0

DCDEE0

1298E0

F2E6E0

0091E0

FFEEE0

FFF6E0

FFFEE0

FFFFE0

# Harmonies

## Analogous

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



74C3D0



82BFE0



9FB8E5

# Triad

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



82BFE0



E5A6B5



ACBD90

# Complementary

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



82BFE0



E0A382

# 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.



C5B789



82BFE0



E5A99E

# Square

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



82BFE0



D8A9CC



DAAF8E



92C2A2

# Rectangle

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



82BFE0



B5B3E1



DAAF8E



B5BB8C

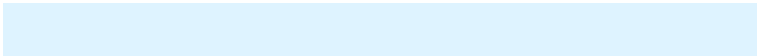


# Sweetspot

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



82BFE0



DEF3FF



82E0A3



6B7880



000000



808080

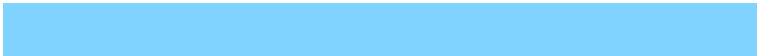


# Same Dimension

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



82BFEO



80D2FF



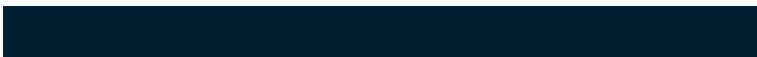
8290EO



656C70



0072B0



001F30



# Inverse Universe

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



E082BF



FF80D2



E0D282



70656C



B00072

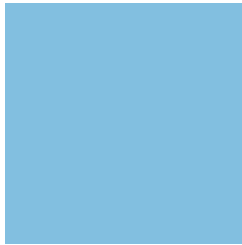


30001F



# Previews

## White Background



This preview shows how the Hex color 82BFE0 looks on a white background.

## Color Contrast Check

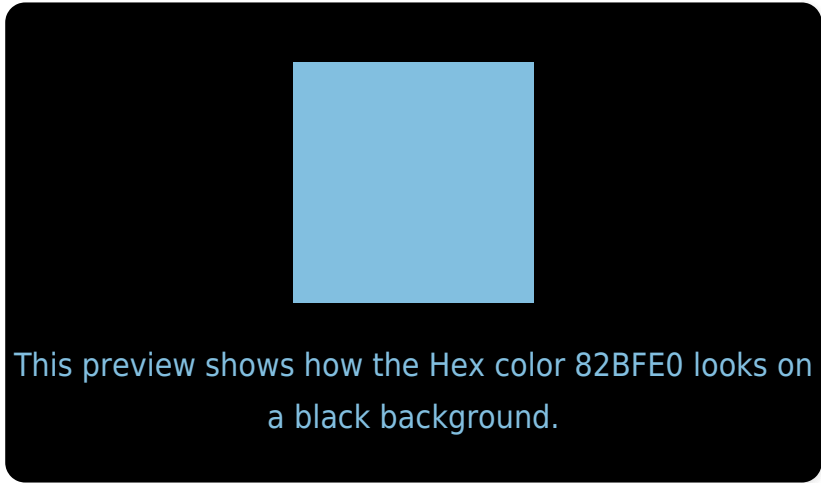
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 82BFE0 Background



This preview shows how black text looks on a background with the Hex color 82BFE0.

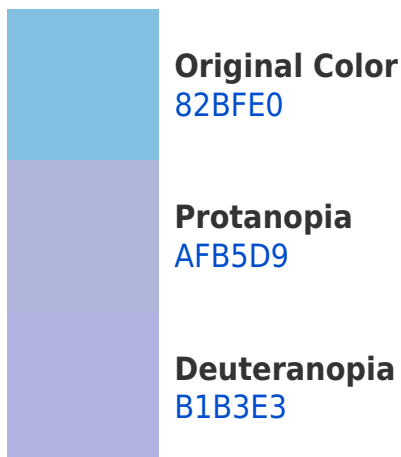


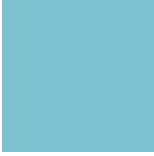
This preview shows how white text looks on a background with the Hex color 82BFE0.

# 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](#).

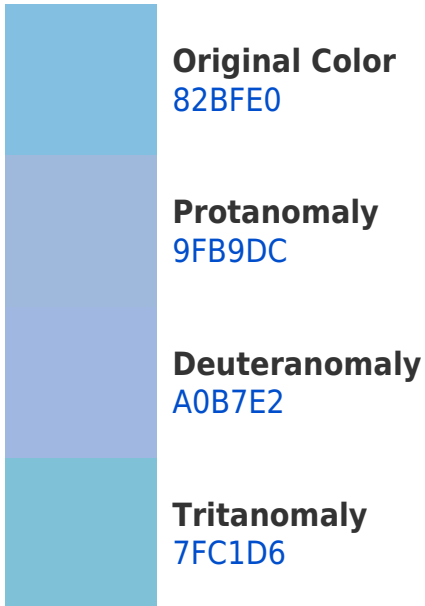
## Dichromacy



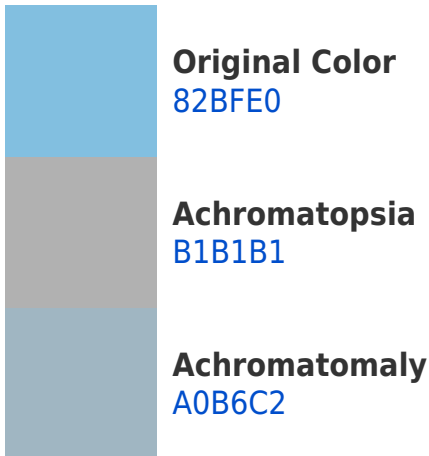


**Tritanopia**  
7EC2D1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82BFE0 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 #82BFE0 looks like.

```
.text, #text, p{  
    color:#82BFE0  
}
```

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 #82BFE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82BFE0
}
```

## Border

The CSS property to change the border of an element to Hex 82BFE0 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
#82BFE0 }
```

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

```
.border{ border-color:#82BFE0 }
```

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

Here you see how a box with a 4 pixel #82BFE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82BFE0; -webkit-box-shadow:4px 4px  
4px 4px #82BFE0; box-shadow:4px 4px 4px  
4px #82BFE0 }
```

# Background

The CSS property to change the background color of an element to Hex 82BFE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82BFE0 }
```

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

```
.background{ background-color:#82BFE0 }
```

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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