

# Converting Colors

Hex(82FDE0)

Have a look what the booklet for  
Hex(82FDE0) contains.

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**Color**

**Hex(82FDE0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	82FDE0
RGB	130, 253, 224
RGB Percent	51%, 99%, 88%
CMY	0.4902, 0.0078, 0.1216
CMYK	0.49, 0.00, 0.11, 0.01
HSL	166°, 97%, 75%
HSV	166°, 49%, 99%
XYZ	57.7857, 80.3782, 82.9899
YIQ	212.9170, -63.9990, -35.0950

# Conversions

## Conversions Part 2

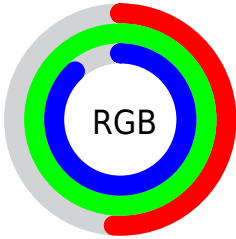
<b>Format</b>	<b>Color</b>
<b>RYB</b>	130, 200, 253
Decimal	8584672
CIELab	91.85, -41.31, 3.26
CIElCh	92, 41.442, 175.483
Yxy	80.3782, 0.2613, 0.3634
Android (android.graphics.Color)	4286774752 (0xFF82FDE0)
YUV	212.9170, 5.4639, -72.7182
Hunter-Lab	89.6539, -41.8435, 7.8747

# Details

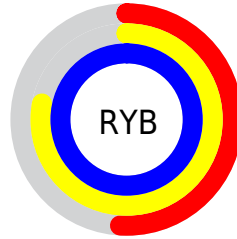
The Hex color **82FDE0** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FD829F**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **BDFFFF**, and **44C4A9** is the 20% darker color. If you saturate the color by 10%, you get **69FDDA**, and if you desaturate by 10%, it is **9BFDE6**.

# Distribution



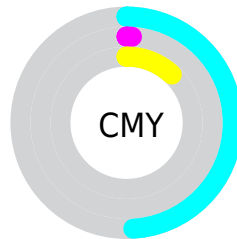
- Red (51%)
- Green (99%)
- Blue (88%)



- Red (51%)
- Yellow (78%)
- Blue (99%)



- Cyan (49%)
- Magenta (0%)
- Yellow (11%)
- Black (1%)



- Cyan (49%)
- Magenta (1%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82FDE0 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 82FDE0 by changing the saturation by 10% instead.



 82FDE0

FFFFFF

 BDFFFF

 DBFFFF

 FAFFFF

 82FDE0

 64E0C4

 44C4A9

 1BA88E

 008D75

 00735C

 005A45

 00412F

 002B1A

 000D00

 82FDE0

 82FDE0

 69FDDA

 9BFDE6

 4FFDD4

 B5FDEC

 36FDCE

 CEFDF2

 1DFDC8

 E7FDF8

 03FDC2

 FFFDFE

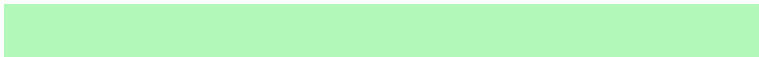
 00FDC1

 FFFDFE

# Harmonies

## Analogous

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



B2F9B9



82FDE0



5FFDFF

# Triad

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



82FDE0



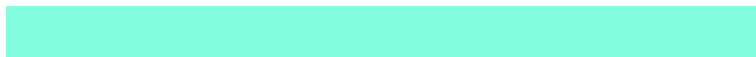
E5E0FF



FFD6A7

# Complementary

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



82FDE0



FD829F

# 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.



FFCC7



82FDE0



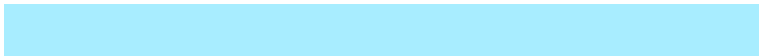
FFD2FF

# Square

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



82FDE0



A8EDFF



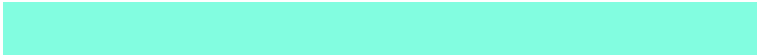
FFCAEF



FFE398

# Rectangle

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



82FDE0



63FAFF



FFCAEF



FFD2B1



# Sweetspot

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



82FDE0



D9FFF6



A1FD82



69807A



000000



808080



# Same Dimension

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



82FDE0



6BFFDC



82DEFD



73807C



00BF92



004031



# Inverse Universe

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



FD829F



FF6B8E



FDA182



807376



BF002D

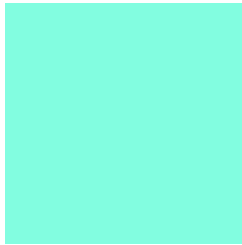


40000F



# Previews

## White Background



This preview shows how the Hex color 82FDE0 looks on a white background.

## Color Contrast Check

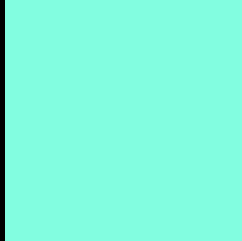
Large Text (above 18pt) WCAG AA × Fail

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 82FDE0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

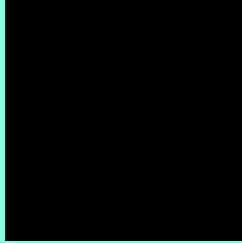
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 82FDE0 Background



This preview shows how black text looks on a background with the Hex color 82FDE0.



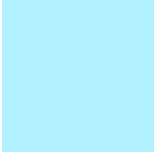
This preview shows how white text looks on a background with the Hex color 82FDE0.

# 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



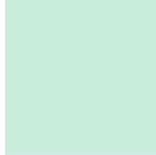


**Tritanopia**  
B2F1FF

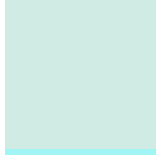
# Trichromacy



**Original Color**  
82FDE0



**Protanomaly**  
C7EED8



**Deuteranomaly**  
D0EAE4

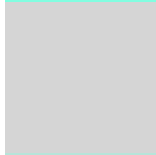


**Tritanomaly**  
A1F5F4

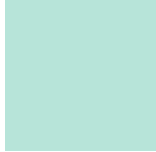
# Monochromacy



**Original Color**  
82FDE0



**Achromatopsia**  
D5D5D5



**Achromatomaly**  
B7E4D9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82FDE0 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 #82FDE0 looks like.

```
.text, #text, p{  
    color:#82FDE0  
}
```

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 #82FDE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82FDE0
}
```

## Border

The CSS property to change the border of an element to Hex 82FDE0 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
#82FDE0 }
```

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

```
.border{ border-color:#82FDE0 }
```

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

Here you see how a box with a 4 pixel #82FDE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82FDE0; -webkit-box-shadow:4px 4px  
4px 4px #82FDE0; box-shadow:4px 4px 4px  
4px #82FDE0 }
```

# Background

The CSS property to change the background color of an element to Hex 82FDE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82FDE0 }
```

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

```
.background{ background-color:#82FDE0 }
```

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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