

# Converting Colors

Hex(82DBEA)

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

<b>Hex(82DBEA)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(82DBEA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82DBEA
RGB	130, 219, 234
RGB Percent	51%, 86%, 92%
CMY	0.4902, 0.1412, 0.0824
CMYK	0.44, 0.06, 0.00, 0.08
HSL	189°, 71%, 71%
HSV	189°, 44%, 92%
XYZ	49.3887, 61.3494, 87.0805
YIQ	194.0990, -57.8590, -14.2030

# Conversions

## Conversions Part 2

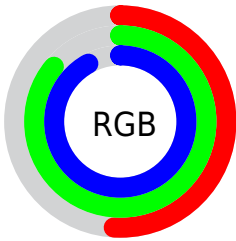
<b>Format</b>	<b>Color</b>
<b>RYB</b>	130, 178, 234
Decimal	8575978
CIELab	82.57, -22.88, -15.70
CIELCh	83, 27.749, 214.465
Yxy	61.3494, 0.2497, 0.3101
Android (android.graphics.Color)	4286766058 (0xFF82DBEA)
YUV	194.0990, 19.6712, -56.2148
Hunter-Lab	78.3258, -24.5162, -11.0889

# Details

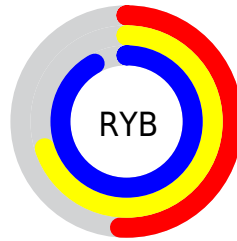
The Hex color **82DBEA** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **EA9182**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **BCFFFF**, and **47A4B2** is the 20% darker color. If you saturate the color by 10%, you get **6BD8EA**, and if you desaturate by 10%, it is **99DEEA**.

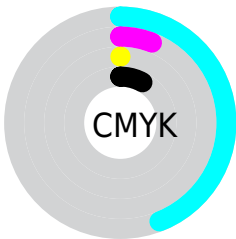
# Distribution



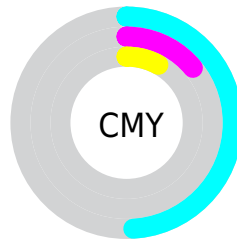
- Red (51%)
- Green (86%)
- Blue (92%)



- Red (51%)
- Yellow (70%)
- Blue (92%)



- Cyan (44%)
- Magenta (6%)
- Yellow (0%)
- Black (8%)



- Cyan (49%)
- Magenta (14%)
- Yellow (8%)

# Brightness & Saturation Gradients

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



 82DBEA

 82DBEA

FFFFFF

 65BFCE

 BCFFFF

 47A4B2

 D9FFFF

 268998

 F7FFFF

 00707E

 005765

 003F4D

 002936

 001221

 000007

82DBEA

82DBEA

6BD8EA

99DEEA

53D4EA

B1E2EA

3CD1EA

C8E5EA

24CDEA

E0E9EA

0DCAEA

F7ECEA

00C8EA

FFEFEA

FFF3EA

FFF6EA

FFF9EA

# Harmonies

## Analogous

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



8ADCD1



82DBEA



92D6FC

# Triad

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



82DBEA



F3BEE4



DDCD9A

# Complementary

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



82DBEA



EA9182

# 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.



F4C49F



82DBEA



FFBBCA

# Square

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



82DBEA



D7C5F8



FFBDB1



C0D5A2

# Rectangle

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



82DBEA



A7D1FF



FFBDB1



E5CA9A

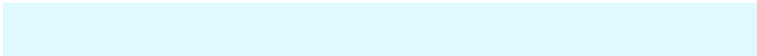


# Sweetspot

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



82DBEA



DEFAFF



82EA90



6B7D80



000000



808080

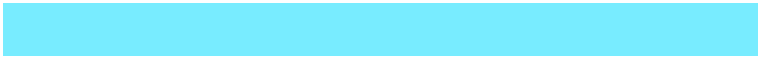


# Same Dimension

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



82DBEA



78ECFF



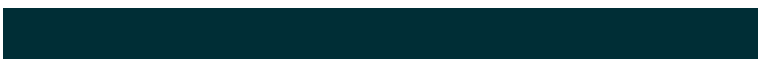
82A8EA



6A7475



009BB5



002E36



# Inverse Universe

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



EA82DB



FF78EC



EAC482



756A74



B5009B

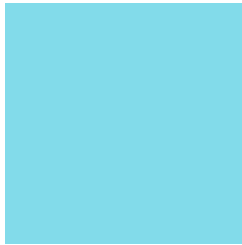


36002E



# Previews

## White Background



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

## Color Contrast Check

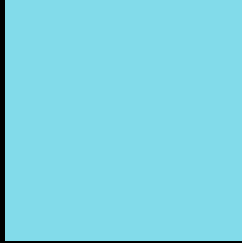
Large Text (above 18pt) WCAG AA × Fail

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 82DBEA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

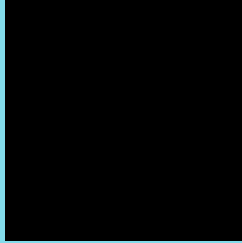
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 82DBEA Background



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

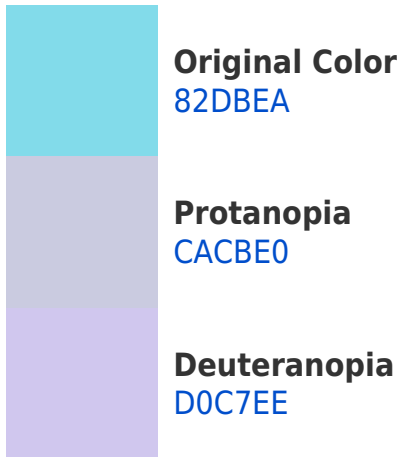


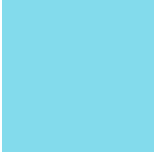
This preview shows how white text looks on a background with the Hex color 82DBEA.

# 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](#).

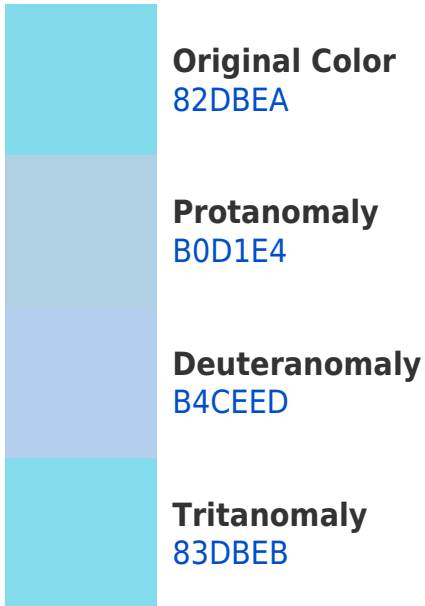
## Dichromacy



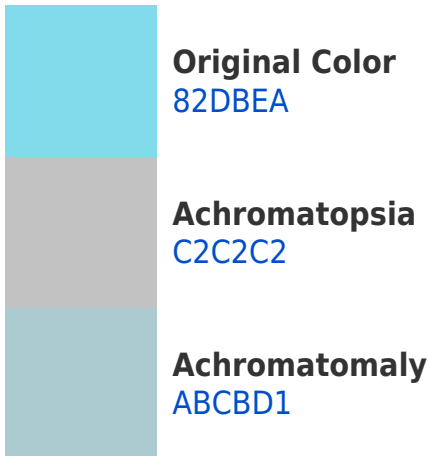


**Tritanopia**  
83DBEC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #82DBEA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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