

Converting Colors

Hex(82DCE8)

Have a look what the booklet for
Hex(82DCE8) contains.

Hex(82DCE8)	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(82DCE8)

Conversions

Conversions Part 1

Format	Color
Hex	82DCE8
RGB	130, 220, 232
RGB Percent	51%, 86%, 91%
CMY	0.4902, 0.1373, 0.0902
CMYK	0.44, 0.05, 0.00, 0.09
HSL	187°, 69%, 71%
HSV	187°, 44%, 91%
XYZ	49.3646, 61.7584, 85.6627
YIQ	194.4580, -57.4920, -15.3480

Conversions

Conversions Part 2

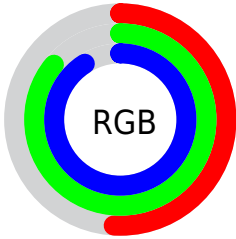
Format	Color
RYB	130, 178, 232
Decimal	8576232
CIELab	82.78, -23.89, -14.31
CIElCh	83, 27.847, 210.932
Yxy	61.7584, 0.2509, 0.3138
Android (android.graphics.Color)	4286766312 (0xFF82DCE8)
YUV	194.4580, 18.5082, -56.5297
Hunter-Lab	78.5865, -25.4005, -9.6181

Details

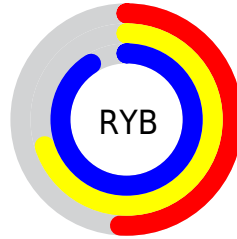
The Hex color **82DCE8** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E88E82**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **BCFFFF**, and **48A5B0** is the 20% darker color. If you saturate the color by 10%, you get **6BD9E8**, and if you desaturate by 10%, it is **99DFE8**.

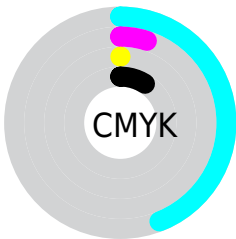
Distribution



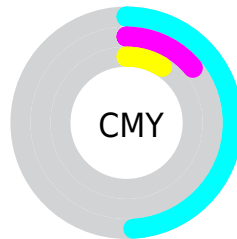
- Red (51%)
- Green (86%)
- Blue (91%)



- Red (51%)
- Yellow (70%)
- Blue (91%)



- Cyan (44%)
- Magenta (5%)
- Yellow (0%)
- Black (9%)



- Cyan (49%)
- Magenta (14%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82DCE8 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 82DCE8 by changing the saturation by 10% instead.

 82DCE8

 82DCE8

FFFFFF

 65C0CC

 BCFFFF

 48A5B0

 D9FFFF

 268A96

 F7FFFF

 00717C

 005863

 00404B

 002A34

 00131F

 000005

 82DCE8

 82DCE8

 6BD9E8

 99DFE8

 54D7E8

 B0E1E8

 3CD4E8

 C8E4E8

 25D1E8

 DFE7E8

 0ECEEE8

 F6EAE8

 00CDE8

 FFECE8

 FFEFE8

 FFF2E8

 FFF5E8

Harmonies

Analogous

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



8DDDCE



82DCE8



8FD8FB

Triad

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



82DCE8



F1BFE8



E1CD9A

Complementary

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



82DCE8



E88E82

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.



F7C4A1



82DCE8



FFBBCE

Square

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



82DCE8



D3C7FB



FFBDB4



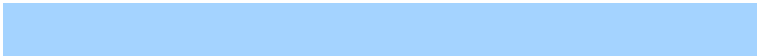
C4D5A1

Rectangle

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



82DCE8



A4D3FF



FFBDB4



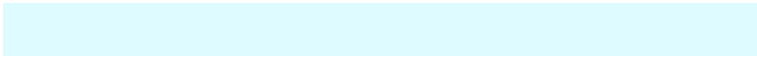
E9CA9B

Sweetspot

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



82DCE8



DEFBFF



82E88E



6B7D80



000000



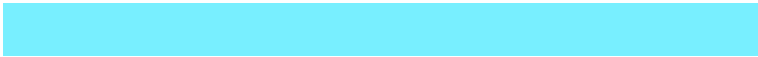
808080

Same Dimension

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



82DCE8



78EFFF



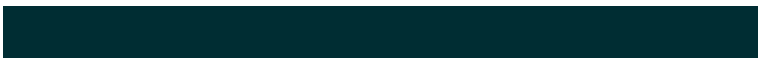
82A9E8



677173



009EB3



002D33

Inverse Universe

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



E882DC



FF78EF



E8C182



736771



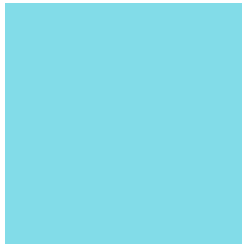
B3009E



33002D

Previews

White Background



This preview shows how the Hex color 82DCE8 looks on a white background.

Color Contrast Check

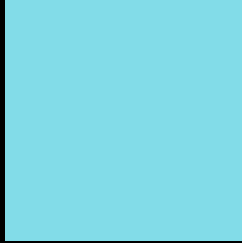
Large Text (above 18pt) WCAG AA × Fail

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 82DCE8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

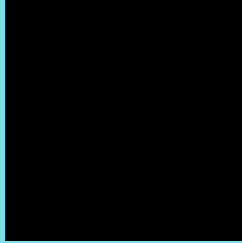
Any Text WCAG AA ✓ Pass

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 82DCE8 Background



This preview shows how black text looks on a background with the Hex color 82DCE8.

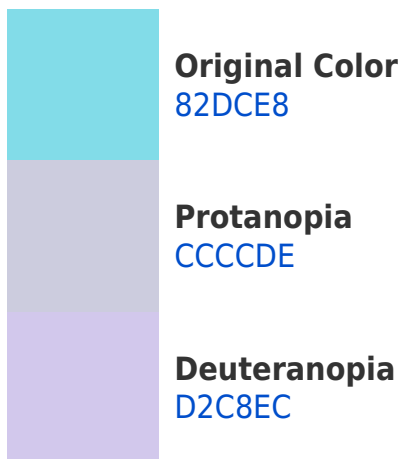


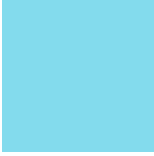
This preview shows how white text looks on a background with the Hex color 82DCE8.

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](#).

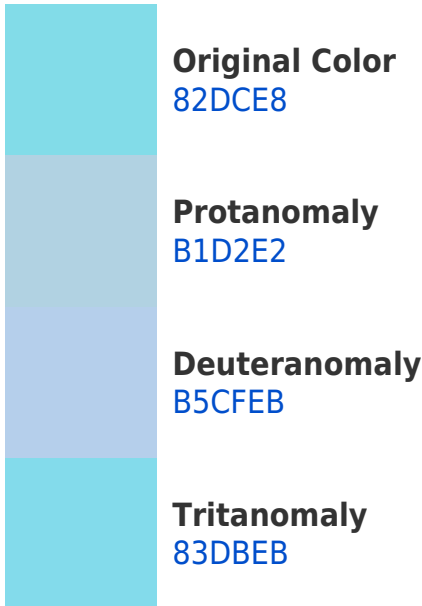
Dichromacy



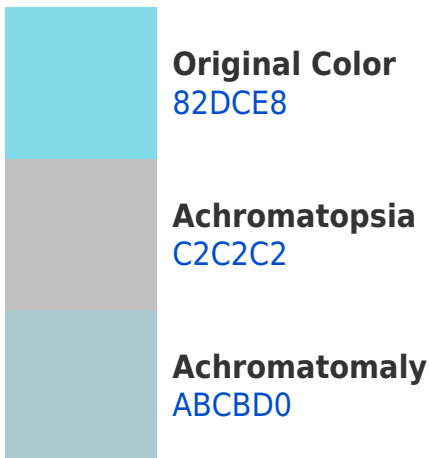


Tritanopia
83DBED

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 82DCE8 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 #82DCE8 looks like.

```
.text, #text, p{  
    color:#82DCE8  
}
```

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 #82DCE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82DCE8  
}
```

Border

The CSS property to change the border of an element to Hex 82DCE8 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  
#82DCE8 }
```

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

```
.border{ border-color:#82DCE8 }
```

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

Here you see how a box with a 4 pixel #82DCE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82DCE8; -webkit-box-shadow:4px 4px  
4px 4px #82DCE8; box-shadow:4px 4px 4px  
4px #82DCE8 }
```

Background

The CSS property to change the background color of an element to Hex 82DCE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82DCE8 }
```

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

```
.background{ background-color:#82DCE8 }
```

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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