

Converting Colors

Hex(82DCE3)

Have a look what the booklet for
Hex(82DCE3) contains.

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Color

Hex(82DCE3)

Conversions

Conversions Part 1

Format	Color
Hex	82DCE3
RGB	130, 220, 227
RGB Percent	51%, 86%, 89%
CMY	0.4902, 0.1373, 0.1098
CMYK	0.43, 0.03, 0.00, 0.11
HSL	184°, 63%, 70%
HSV	184°, 43%, 89%
XYZ	48.6642, 61.4783, 81.9747
YIQ	193.8880, -55.8870, -16.9030

Conversions

Conversions Part 2

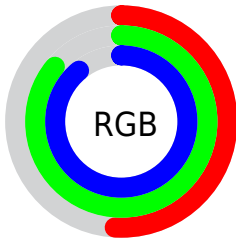
Format	Color
RYB	130, 177, 227
Decimal	8576227
CIELab	82.64, -25.15, -11.88
CIElCh	83, 27.817, 205.289
Yxy	61.4783, 0.2533, 0.3200
Android (android.graphics.Color)	4286766307 (0xFF82DCE3)
YUV	193.8880, 16.3242, -56.0298
Hunter-Lab	78.4081, -26.4275, -7.1013

Details

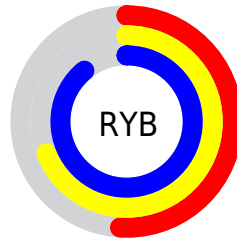
The Hex color **82DCE3** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E38982**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **BBFFFF**, and **48A5AC** is the 20% darker color. If you saturate the color by 10%, you get **6BDAE3**, and if you desaturate by 10%, it is **99DEE3**.

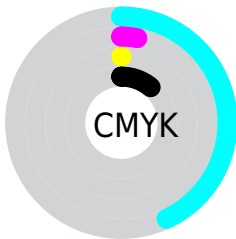
Distribution



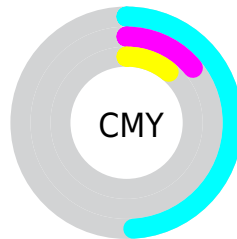
- Red (51%)
- Green (86%)
- Blue (89%)



- Red (51%)
- Yellow (69%)
- Blue (89%)



- Cyan (43%)
- Magenta (3%)
- Yellow (0%)
- Black (11%)



- Cyan (49%)
- Magenta (14%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82DCE3 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 82DCE3 by changing the saturation by 10% instead.

 82DCE3

 82DCE3

FFFFFF

 65C0C7

 BBFFFF

 48A5AC

 D9FFFF

 278A91

 F6FFFF

 007077

 00585F

 004047

 002931

 00121C

 000000

82DCE3

82DCE3

6BDAE3

99DEE3

55D9E3

AFDFE3

3ED7E3

C6E1E3

27D5E3

DDE3E3

11D4E3

F3E4E3

00D3E3

FFE6E3

FFE7E3

FFE9E3

FFEBE3

Harmonies

Analogous

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



91DCC8



82DCE3



8BD8F8

Triad

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



82DCE3



ECC0EC



E5CB9A

Complementary

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



82DCE3



E38982

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.



FAC2A4



82DCE3



FFBBD3

Square

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



82DCE3



CCC8FD



FFBCB9



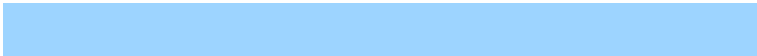
CAD39E

Rectangle

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



82DCE3



9DD4FF



FFBCB9



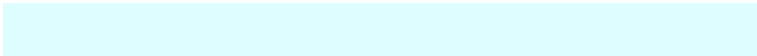
EDC89C

Sweetspot

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



82DCE3



DEFDFE



82E388



6B7E80



000000



808080

Same Dimension

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



82DCE3



7DF6FF



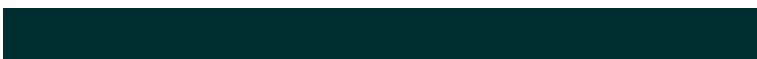
82ACE3



677273



00A6B3



002F33

Inverse Universe

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



E382DC



FF7DF6



E3B982



736772



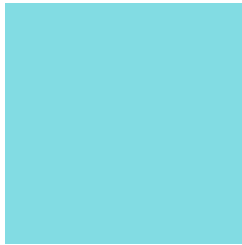
B300A6



33002F

Previews

White Background



This preview shows how the Hex color 82DCE3 looks on a white background.

Color Contrast Check

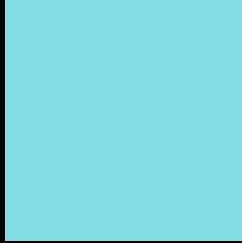
Large Text (above 18pt) WCAG AA × Fail

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 82DCE3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

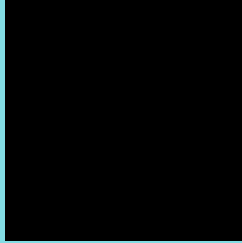
Any Text WCAG AA ✓ Pass

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 82DCE3 Background



This preview shows how black text looks on a background with the Hex color 82DCE3.

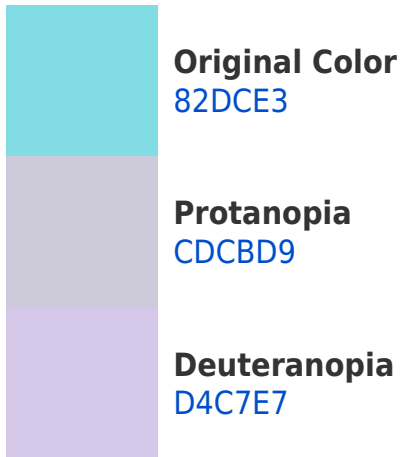


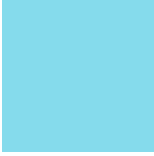
This preview shows how white text looks on a background with the Hex color 82DCE3.

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](#).

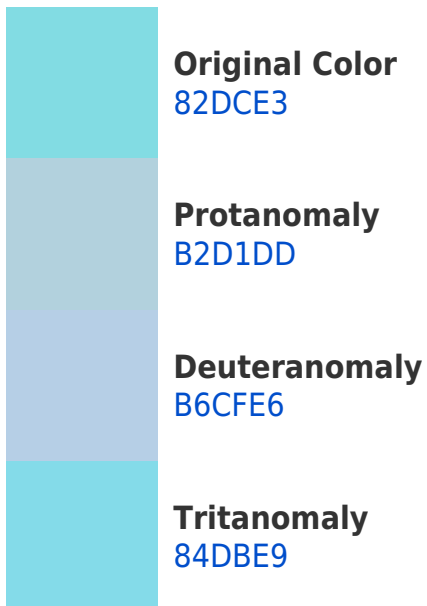
Dichromacy



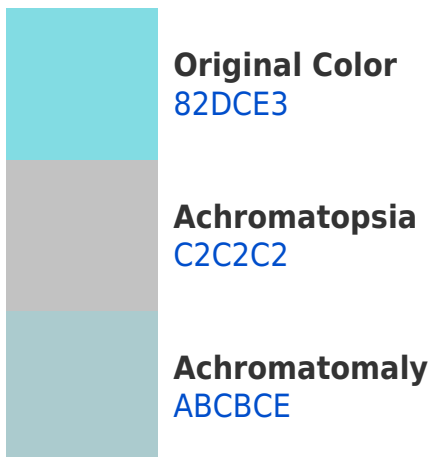


Tritanopia
85DBEC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 82DCE3 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 #82DCE3 looks like.

```
.text, #text, p{  
    color:#82DCE3  
}
```

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 #82DCE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82DCE3  
}
```

Border

The CSS property to change the border of an element to Hex 82DCE3 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  
#82DCE3 }
```

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

```
.border{ border-color:#82DCE3 }
```

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

Here you see how a box with a 4 pixel #82DCE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82DCE3; -webkit-box-shadow:4px 4px  
4px 4px #82DCE3; box-shadow:4px 4px 4px  
4px #82DCE3 }
```

Background

The CSS property to change the background color of an element to Hex 82DCE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82DCE3 }
```

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

```
.background{ background-color:#82DCE3 }
```

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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